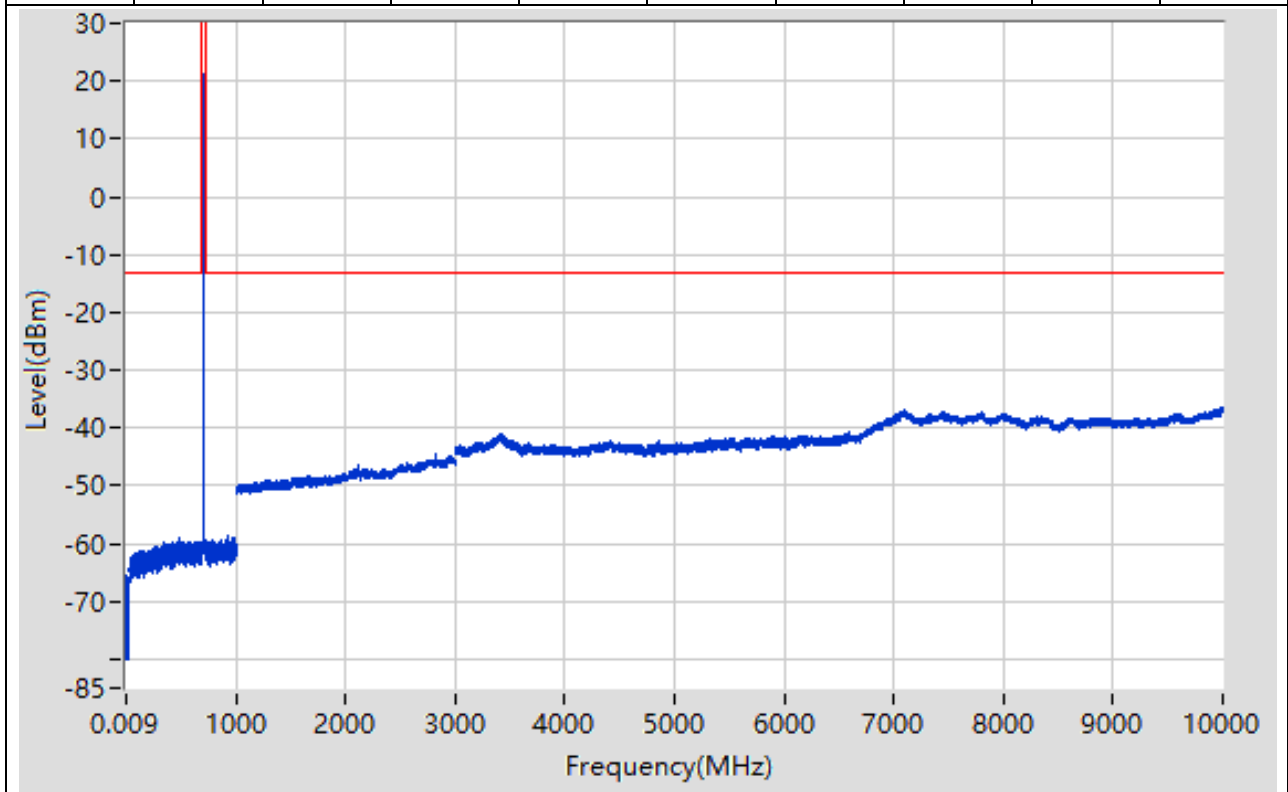


## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_Mid

### 17.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

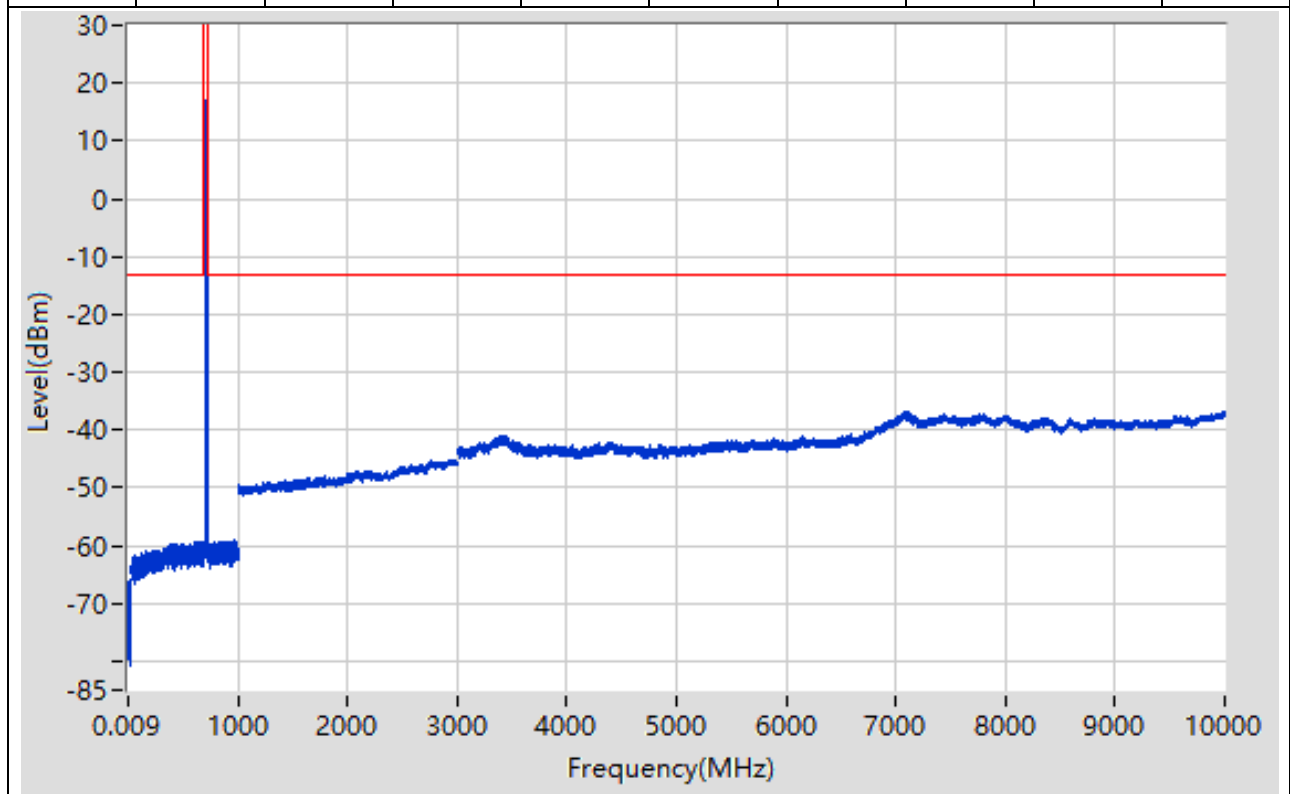
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.03            | -67.45      | -13         | 54.45       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.79            | -65.38      | -13         | 52.38       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 490.3           | -58.96      | -13         | 45.96       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 707.408         | 21.03       | 60          | 38.97       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 921.4           | -58.75      | -13         | 45.75       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2830            | -44.61      | -13         | 31.61       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9986            | -36.53      | -13         | 23.53       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_QPSK\_15kHz\_1@0\_High

### 17.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

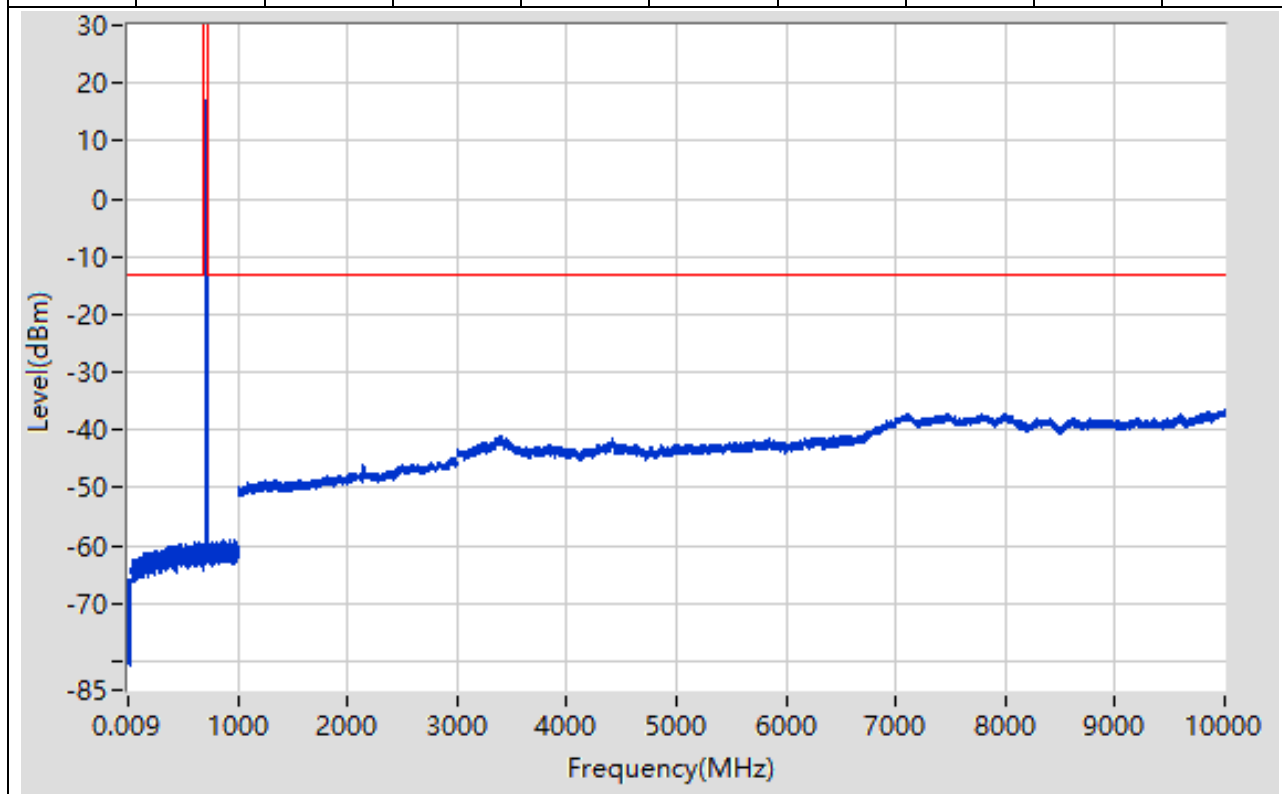
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -67.15      | -13         | 54.15       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.35           | -65.82      | -13         | 52.82       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 626.2           | -59.47      | -13         | 46.47       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 715.825         | 21.63       | 60          | 38.37       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 970             | -59.18      | -13         | 46.18       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2922            | -45.3       | -13         | 32.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9998            | -36.71      | -13         | 23.71       | Pass    | 7001        |



## 17. NB-IoT\_Band12\_BPSK\_15kHz\_1@0\_High

### 17.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

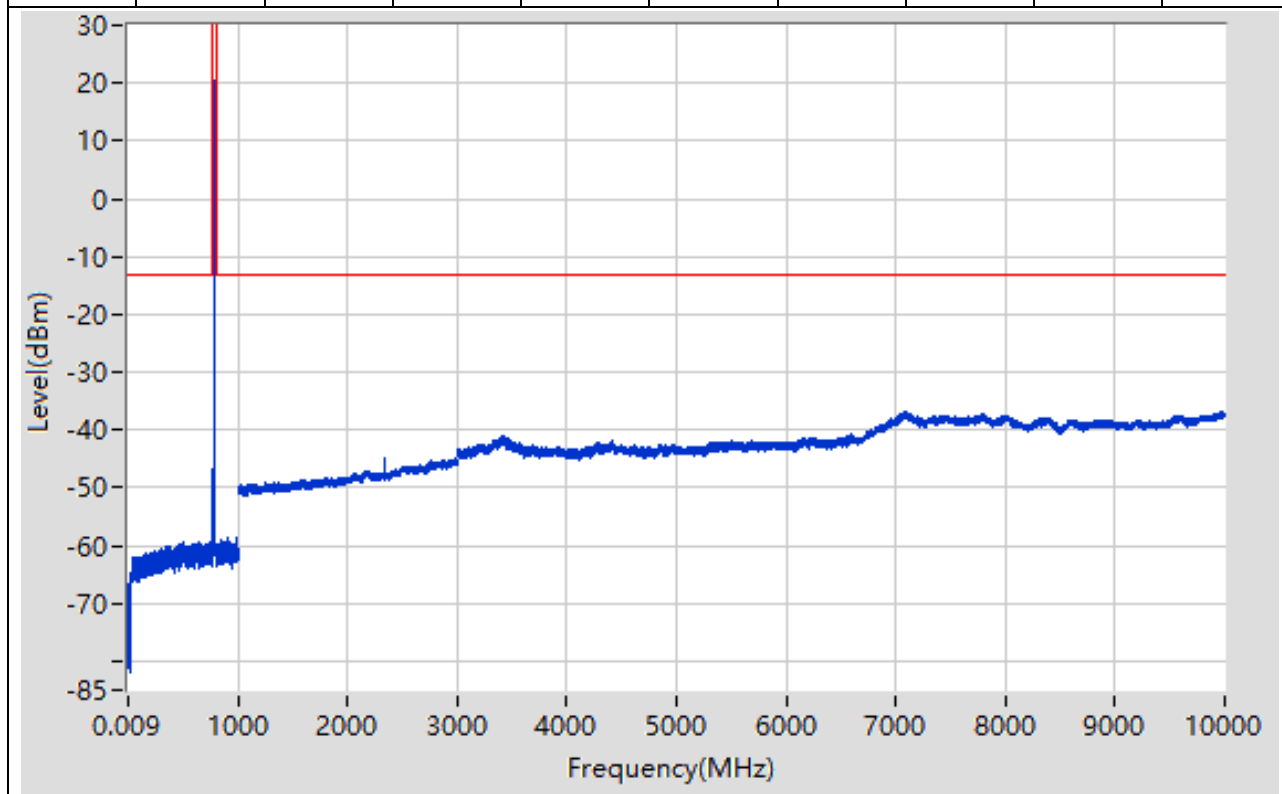
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.05      | -13         | 54.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.74            | -65.73      | -13         | 52.73       | Pass    | 2986        |
| 30                    | 689                  | 0.1       | RMS      | 644.2           | -59.43      | -13         | 46.43       | Pass    | 6591        |
| 689                   | 726                  | 0.1       | RMS      | 715.825         | 21.55       | 60          | 38.45       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 859.3           | -59.02      | -13         | 46.02       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2965            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9997            | -36.58      | -13         | 23.58       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_Low

### 18.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

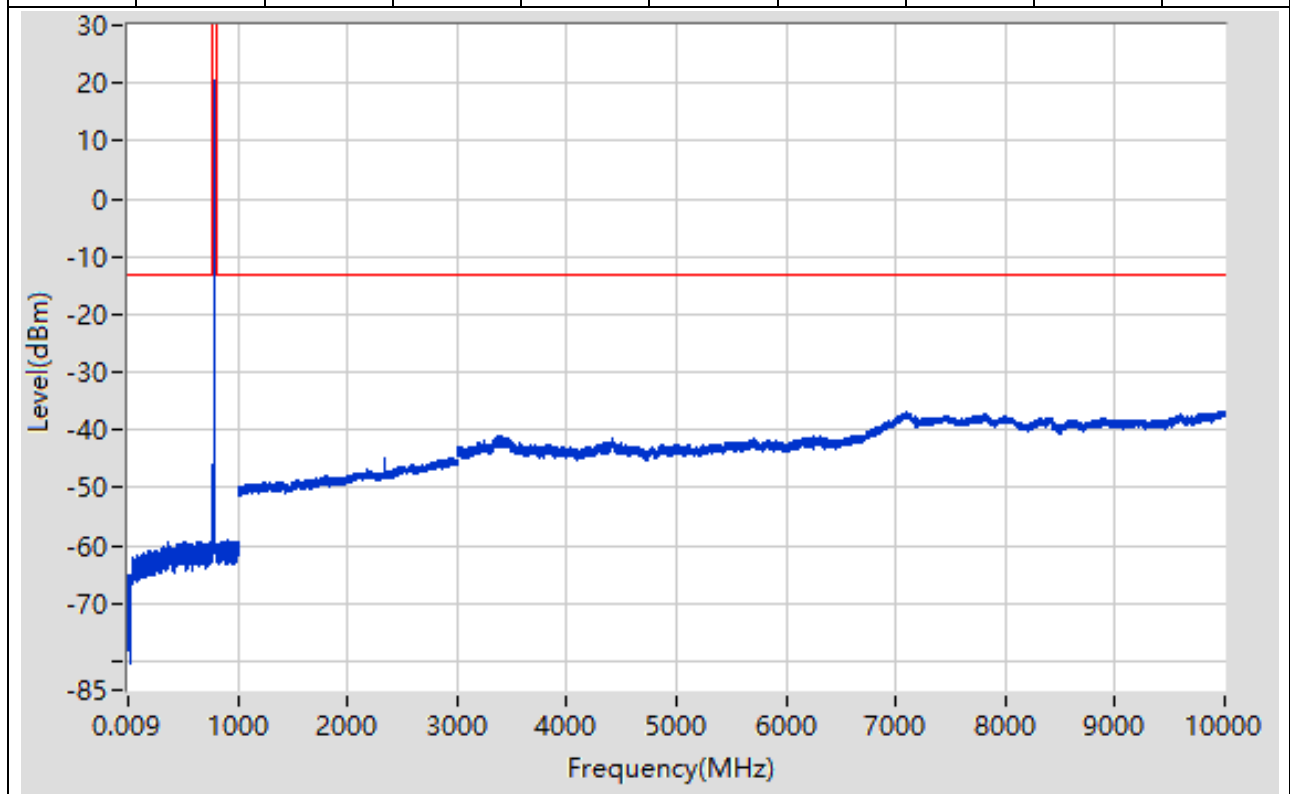
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -66.64      | -13         | 53.64       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 26.03           | -65.74      | -13         | 52.74       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 497.2           | -59.46      | -13         | 46.46       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.4        | 60          | 39.6        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 910.3           | -58.51      | -13         | 45.51       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2977            | -44.79      | -13         | 31.79       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9981            | -36.76      | -13         | 23.76       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_Low

### 18.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

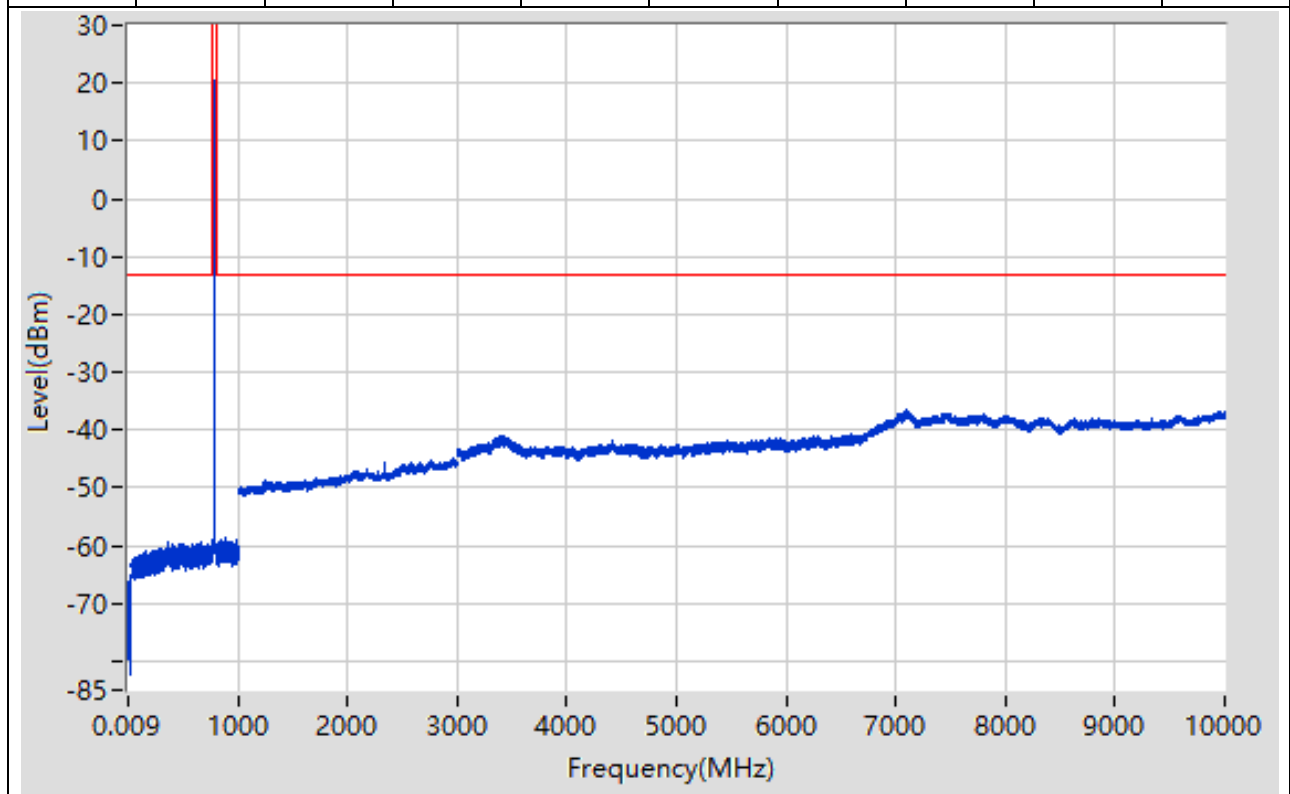
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.43      | -13         | 52.43       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.64            | -65.28      | -13         | 52.28       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 766.5           | -59.17      | -13         | 46.17       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.37       | 60          | 39.63       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 916.6           | -59.18      | -13         | 46.18       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2331            | -44.72      | -13         | 31.72       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7100            | -36.75      | -13         | 23.75       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_Mid

### 18.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

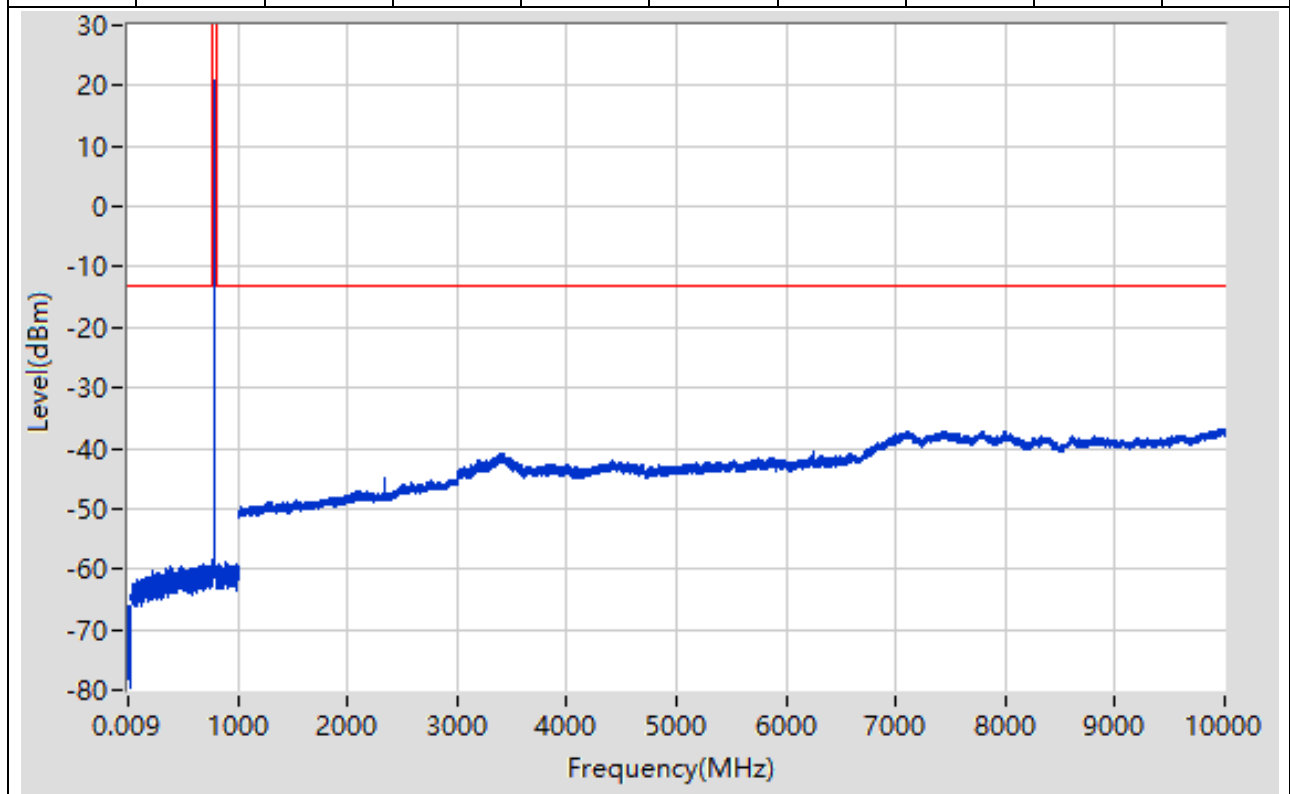
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -66.36      | -13         | 53.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.53           | -65.21      | -13         | 52.21       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 663.1           | -59.34      | -13         | 46.34       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.41       | 60          | 39.59       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 887.6           | -58.77      | -13         | 45.77       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2960            | -44.9       | -13         | 31.9        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7092            | -36.64      | -13         | 23.64       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_Mid

### 18.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

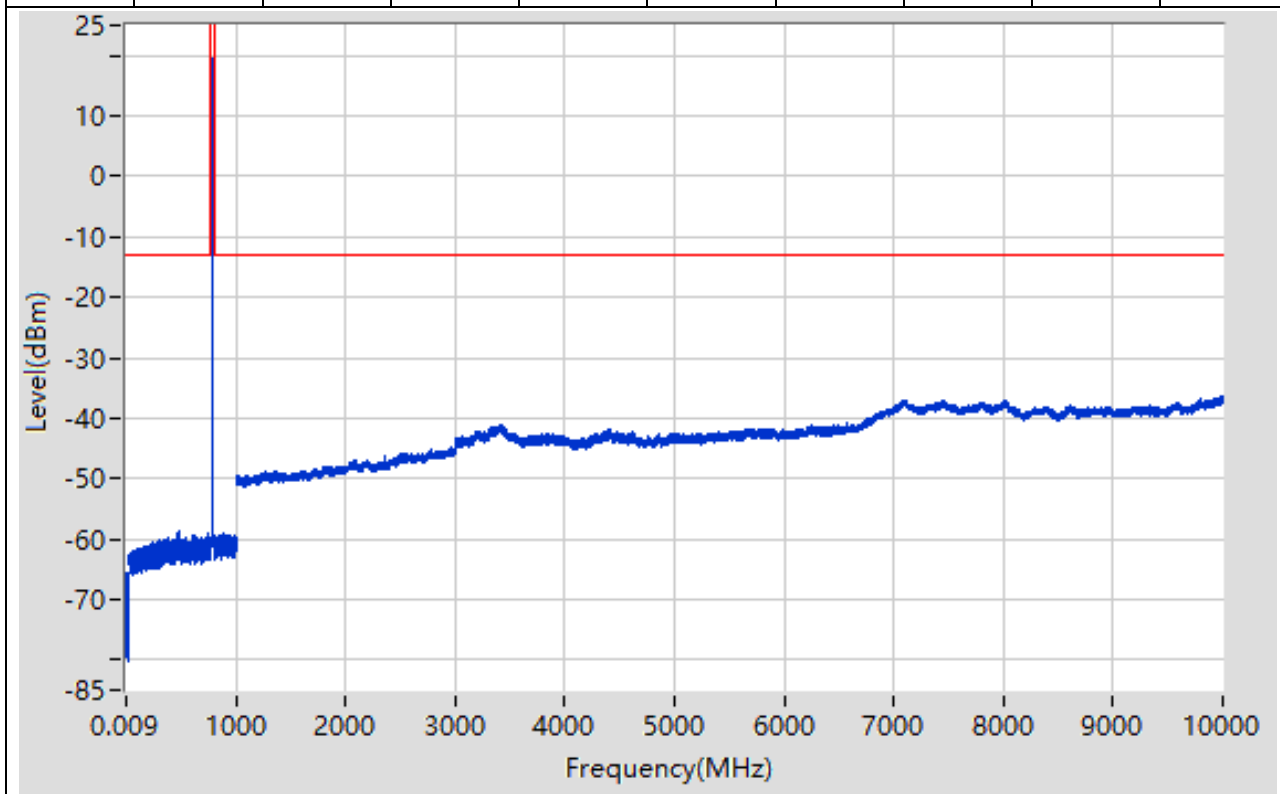
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.08      | -13         | 53.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 13.59           | -66.13      | -13         | 53.13       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 679.5           | -59.34      | -13         | 46.34       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.8        | 60          | 39.2        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 894.7           | -58.92      | -13         | 45.92       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2346            | -44.74      | -13         | 31.74       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9966            | -36.8       | -13         | 23.8        | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_3.75kHz\_1@0\_High

### 18.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -66.57      | -13         | 53.57       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 7.58            | -65.53      | -13         | 52.53       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 477.8           | -58.82      | -13         | 45.82       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.8           | 19.6        | 60          | 40.4        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 884.3           | -58.98      | -13         | 45.98       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2965            | -44.91      | -13         | 31.91       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9997            | -36.45      | -13         | 23.45       | Pass    | 7001        |

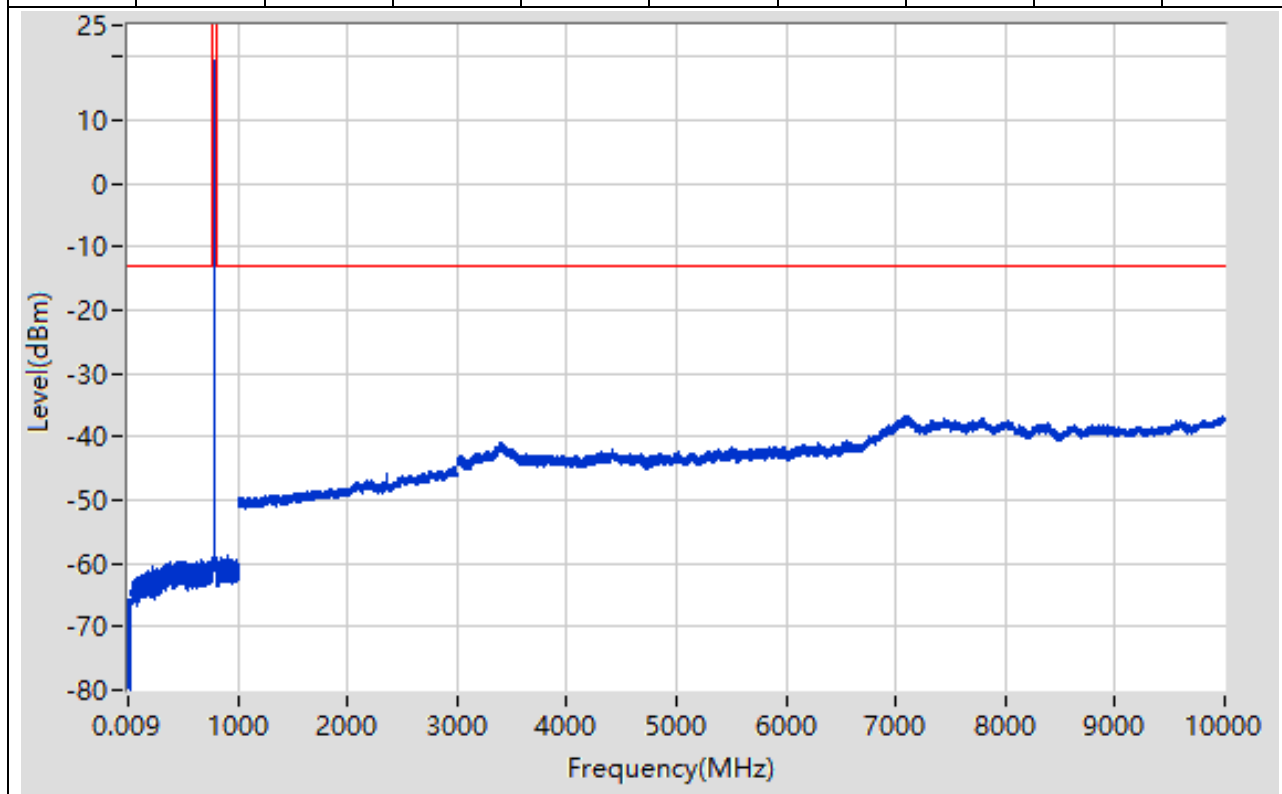




## 18. NB-IoT\_Band13\_BPSK\_3.75kHz\_1@0\_High

### 18.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

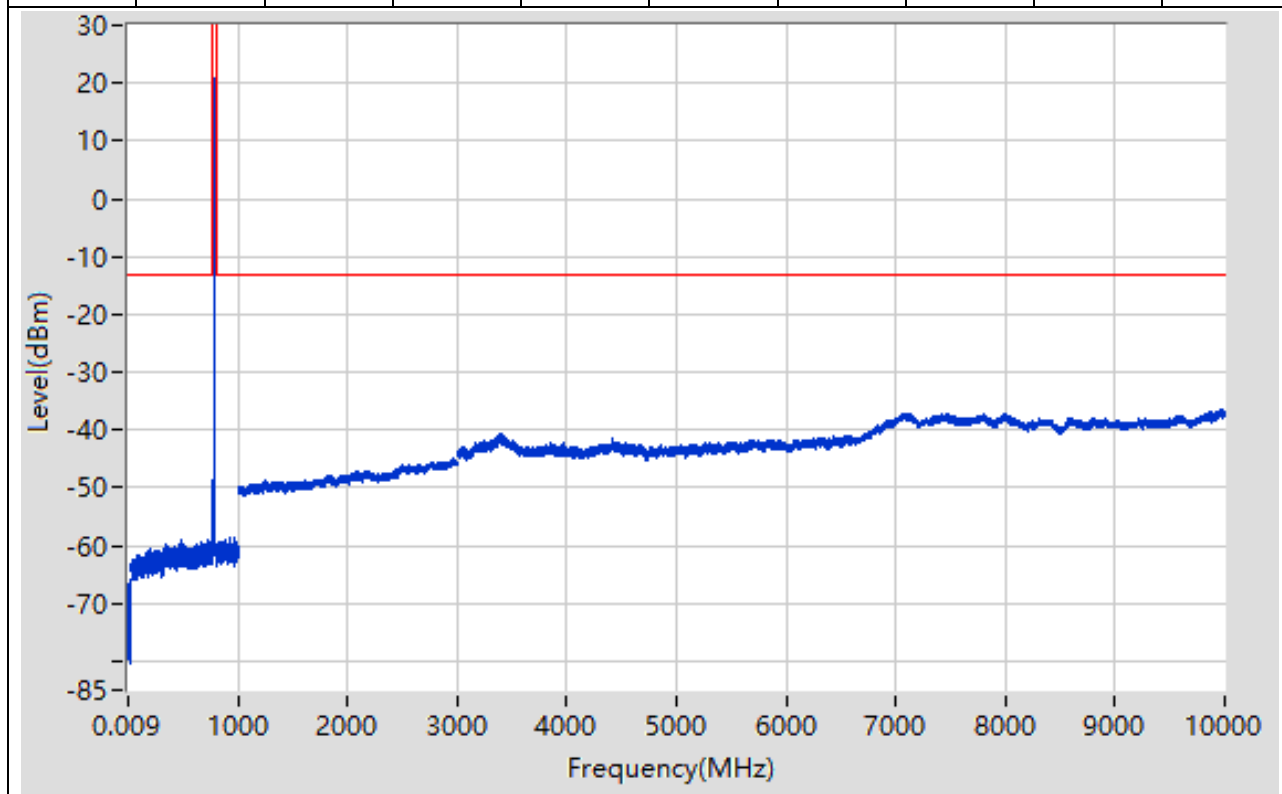
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.015           | -65.8       | -13         | 52.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.54           | -65.8       | -13         | 52.8        | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 762.7           | -59.54      | -13         | 46.54       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.8           | 19.57       | 60          | 40.43       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 903.9           | -58.79      | -13         | 45.79       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2960            | -44.92      | -13         | 31.92       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7107            | -36.81      | -13         | 23.81       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_Low

### 18.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

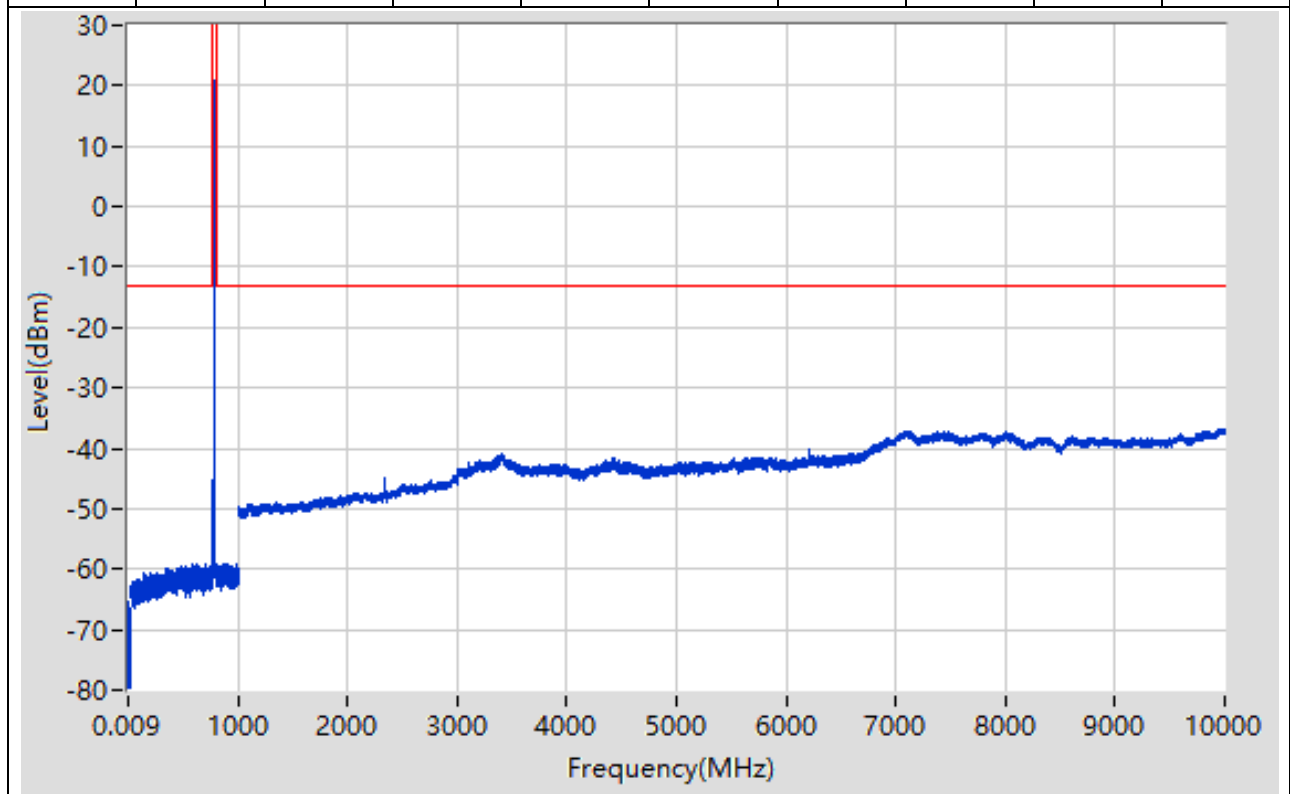
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.034           | -67.42      | -13         | 54.42       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.36           | -65.8       | -13         | 52.8        | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 728.7           | -59.01      | -13         | 46.01       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.72       | 60          | 39.28       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 937.3           | -58.77      | -13         | 45.77       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2959            | -45         | -13         | 32          | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9982            | -36.44      | -13         | 23.44       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_Low

### 18.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

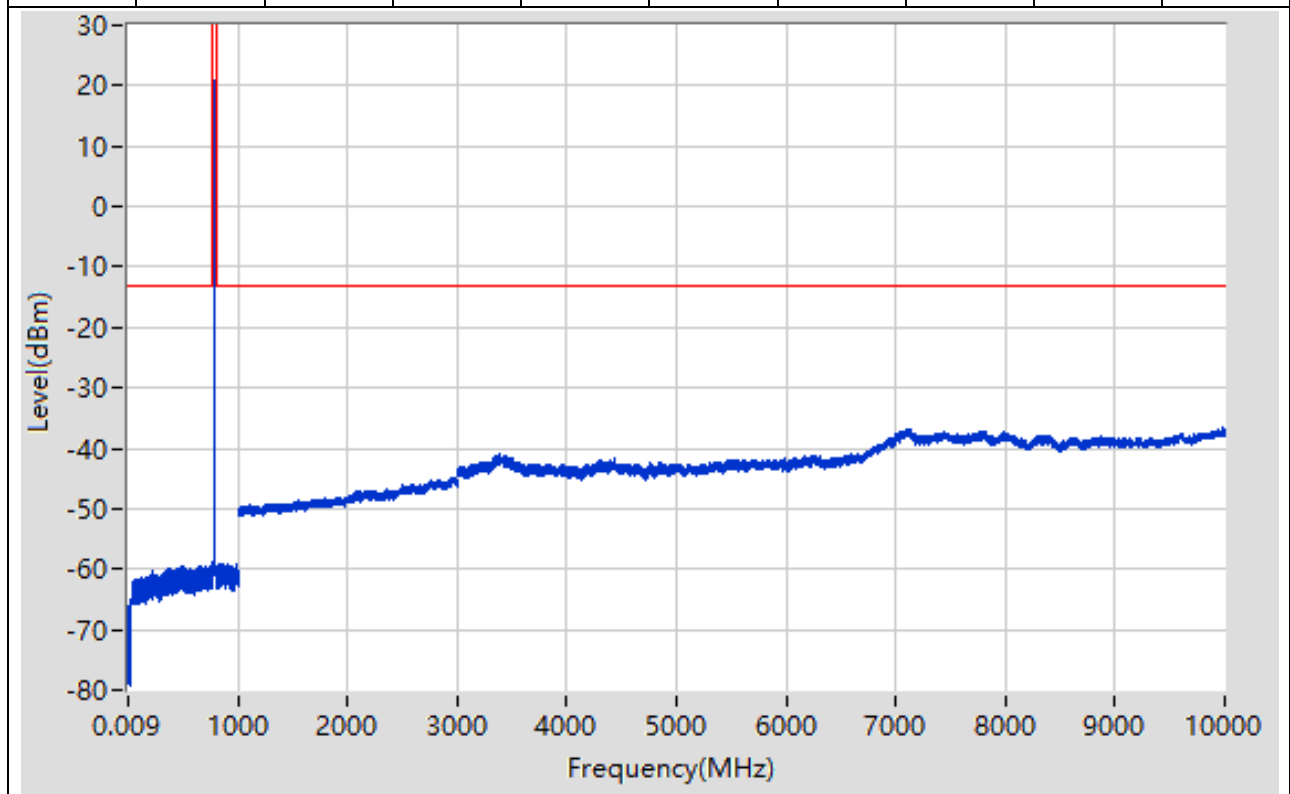
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.24      | -13         | 53.24       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.59            | -65.26      | -13         | 52.26       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 710.6           | -59.22      | -13         | 46.22       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 777.05          | 20.68       | 60          | 39.32       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 990.8           | -59.05      | -13         | 46.05       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2979            | -44.66      | -13         | 31.66       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9969            | -36.79      | -13         | 23.79       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_Mid

### 18.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

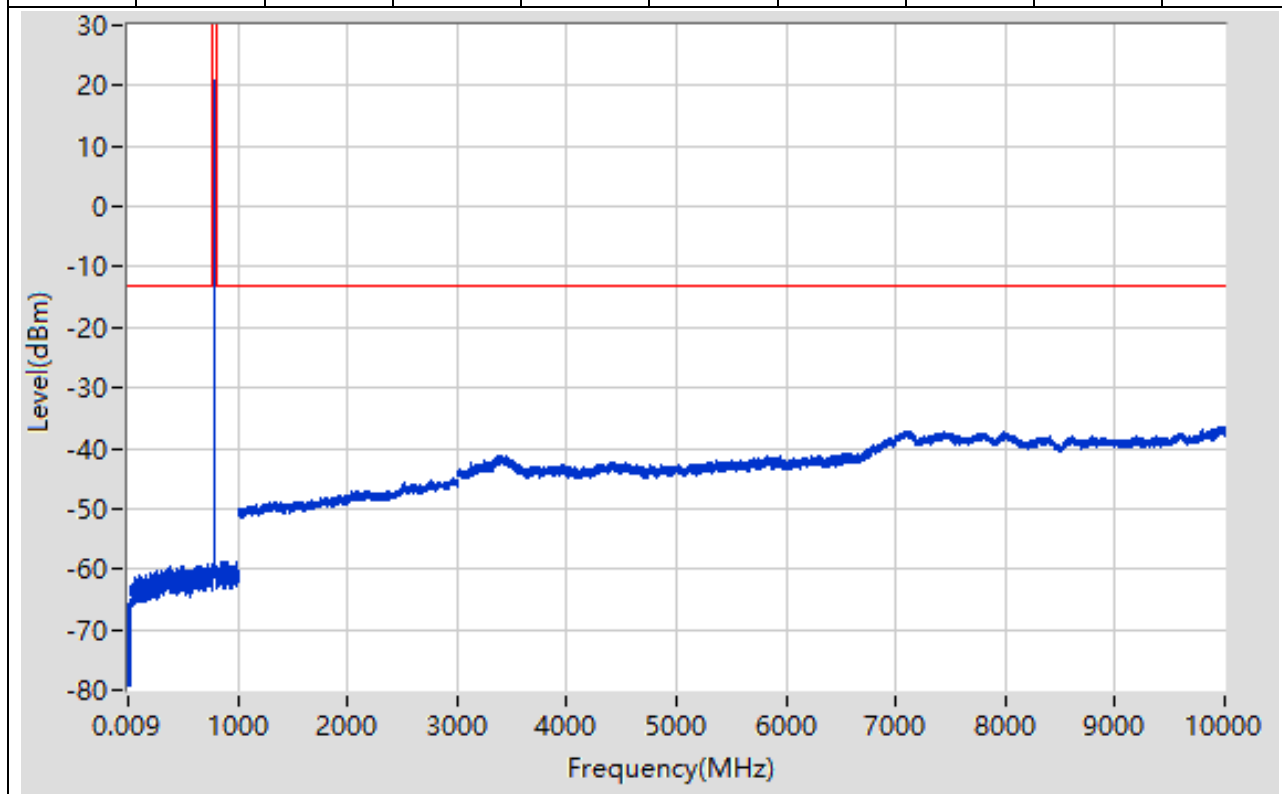
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.78      | -13         | 53.78       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 11.36           | -65.64      | -13         | 52.64       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 738.5           | -59.38      | -13         | 46.38       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.8        | 60          | 39.2        | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 874.2           | -59.01      | -13         | 46.01       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2974            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9987            | -36.67      | -13         | 23.67       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_Mid

### 18.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

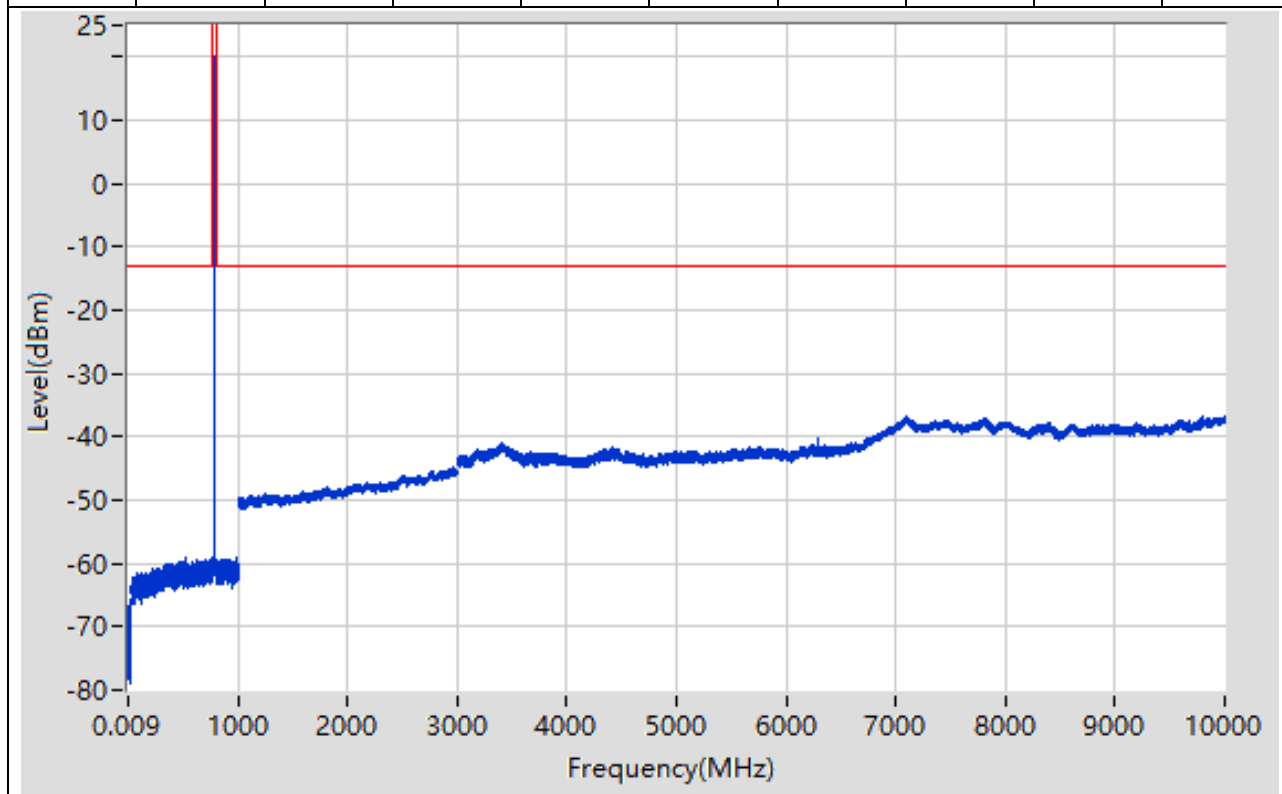
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.37      | -13         | 53.37       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.7            | -65.17      | -13         | 52.17       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 732.2           | -59.34      | -13         | 46.34       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 781.925         | 20.75       | 60          | 39.25       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 980.8           | -58.7       | -13         | 45.7        | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2955            | -44.85      | -13         | 31.85       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9934            | -36.54      | -13         | 23.54       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_QPSK\_15kHz\_1@0\_High

### 18.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

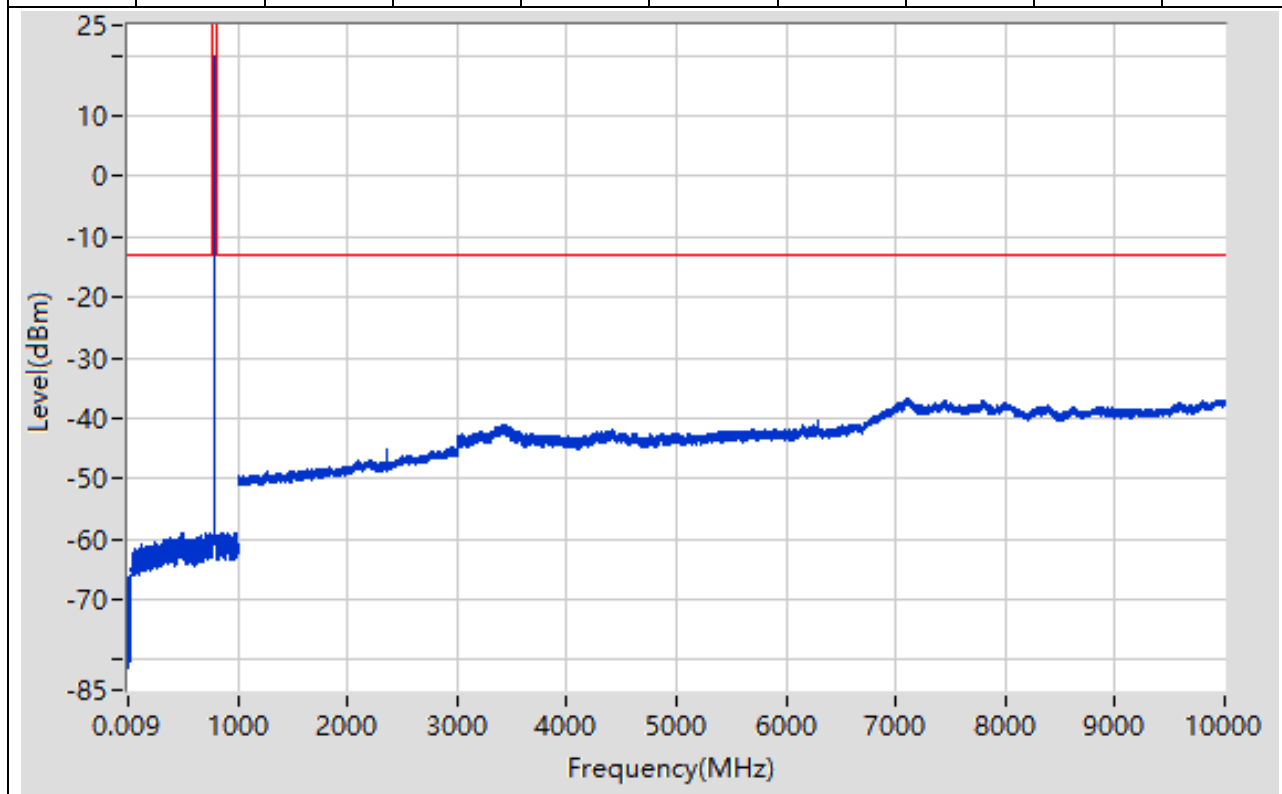
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.81      | -13         | 53.81       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.68           | -65.69      | -13         | 52.69       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 518.9           | -59.22      | -13         | 46.22       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.875         | 19.97       | 60          | 40.03       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 984.4           | -59.2       | -13         | 46.2        | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2968            | -44.91      | -13         | 31.91       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9997            | -36.81      | -13         | 23.81       | Pass    | 7001        |



## 18. NB-IoT\_Band13\_BPSK\_15kHz\_1@0\_High

### 18.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

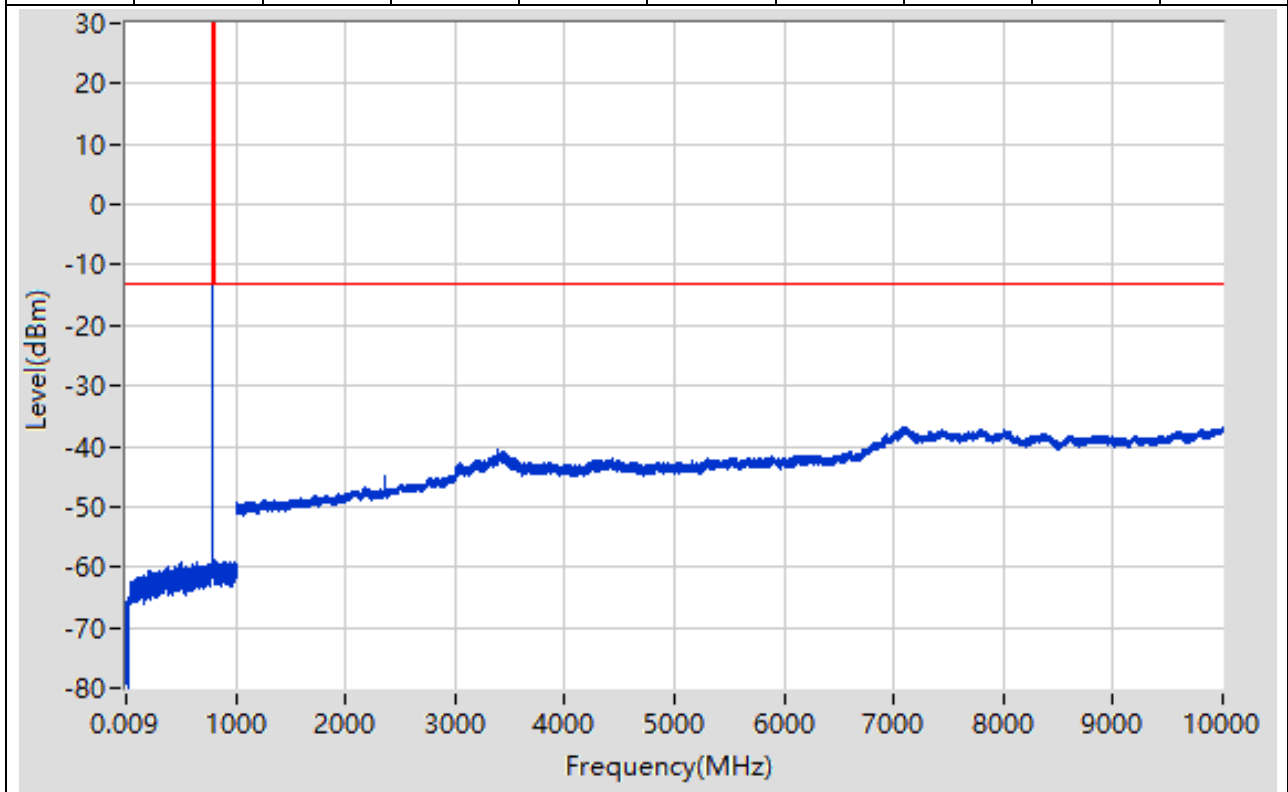
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -67.47      | -13         | 54.47       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.53           | -66.14      | -13         | 53.14       | Pass    | 2986        |
| 30                    | 767                  | 0.1       | RMS      | 477.9           | -58.97      | -13         | 45.97       | Pass    | 7371        |
| 767                   | 797                  | 0.1       | RMS      | 786.875         | 19.75       | 60          | 40.25       | Pass    | 401         |
| 797                   | 1000                 | 0.1       | RMS      | 839.9           | -59.03      | -13         | 46.03       | Pass    | 2031        |
| 1000                  | 3000                 | 1         | RMS      | 2970            | -44.85      | -13         | 31.85       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7088            | -36.88      | -13         | 23.88       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_Low

### 19.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.012           | -66.01      | -13         | 53.01       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.33           | -65.71      | -13         | 52.71       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 496.5           | -59.14      | -13         | 46.14       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 20.46       | 60          | 39.54       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 879.2           | -58.99      | -13         | 45.99       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2364            | -44.83      | -13         | 31.83       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7092            | -36.78      | -13         | 23.78       | Pass    | 7001        |

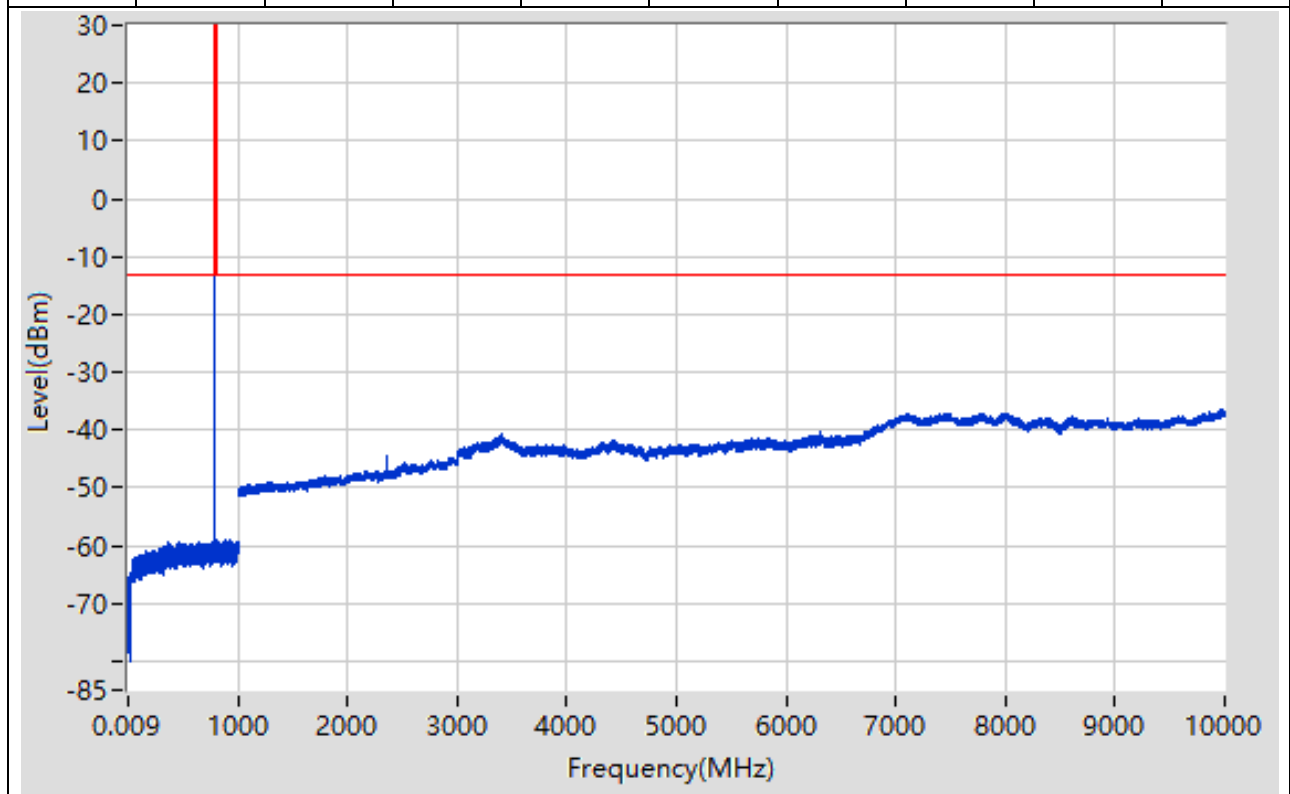




## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_Low

### 19.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

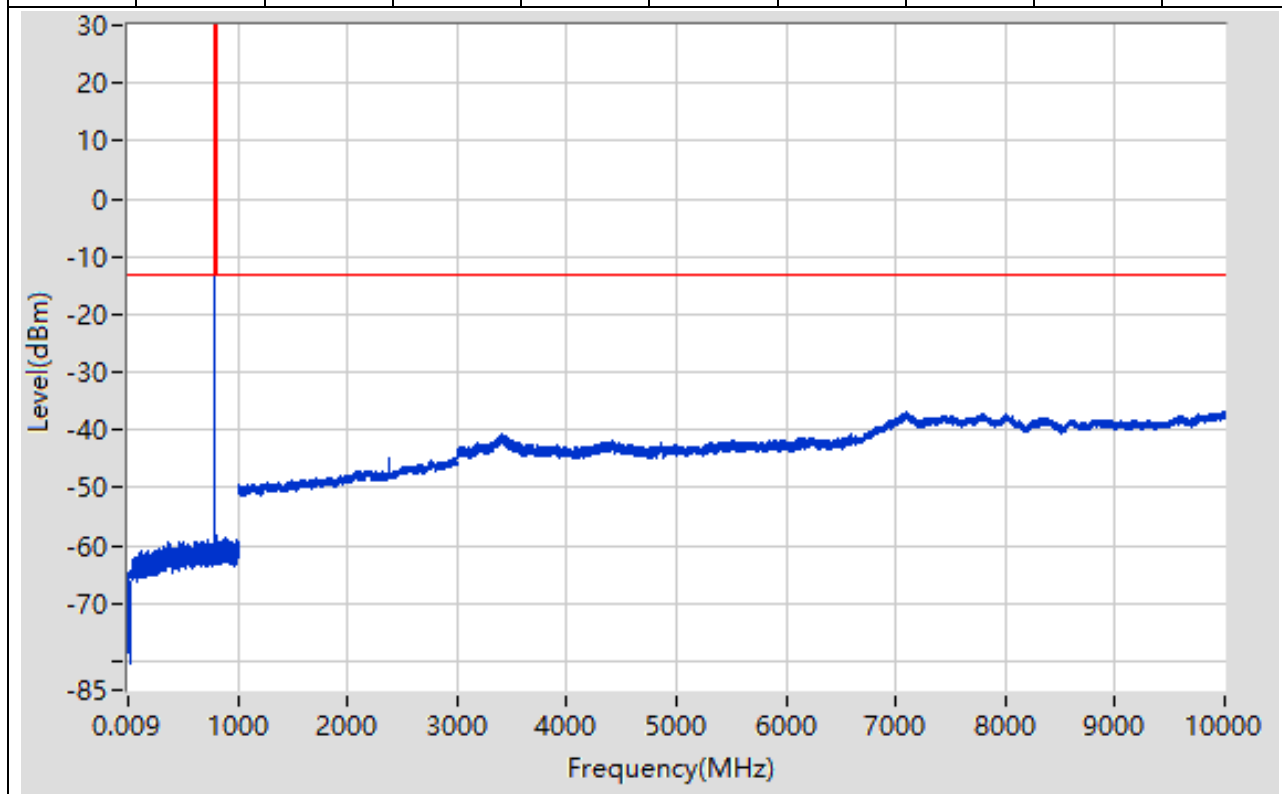
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.05      | -13         | 53.05       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 22.21           | -65.41      | -13         | 52.41       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 470.6           | -59.38      | -13         | 46.38       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 20.01       | 60          | 39.99       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 919.7           | -59.08      | -13         | 46.08       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2364            | -44.43      | -13         | 31.43       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9985            | -36.39      | -13         | 23.39       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_Mid

### 19.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

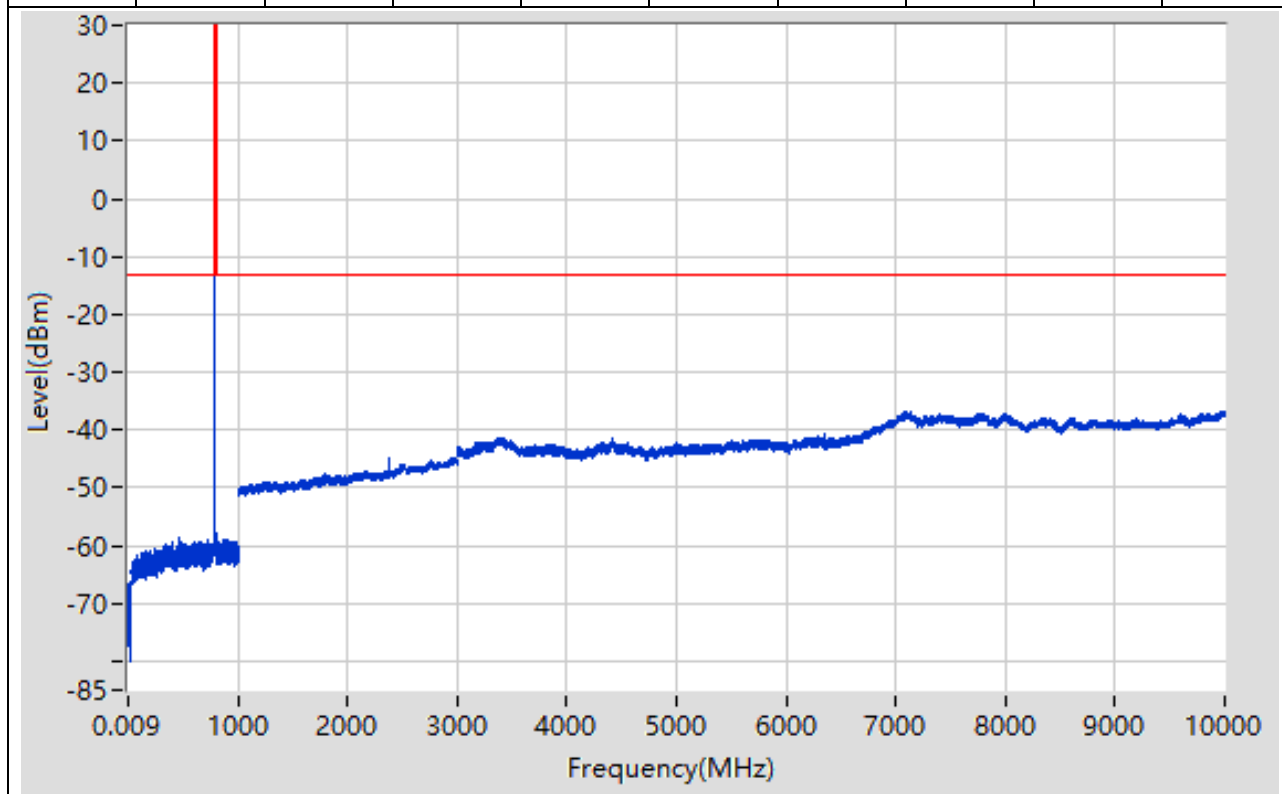
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.022           | -66.76      | -13         | 53.76       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 2.57            | -64.6       | -13         | 51.6        | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 728.1           | -58.87      | -13         | 45.87       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.62       | 60          | 39.38       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 892.3           | -58.76      | -13         | 45.76       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2963            | -44.79      | -13         | 31.79       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7095            | -36.83      | -13         | 23.83       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_Mid

### 19.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

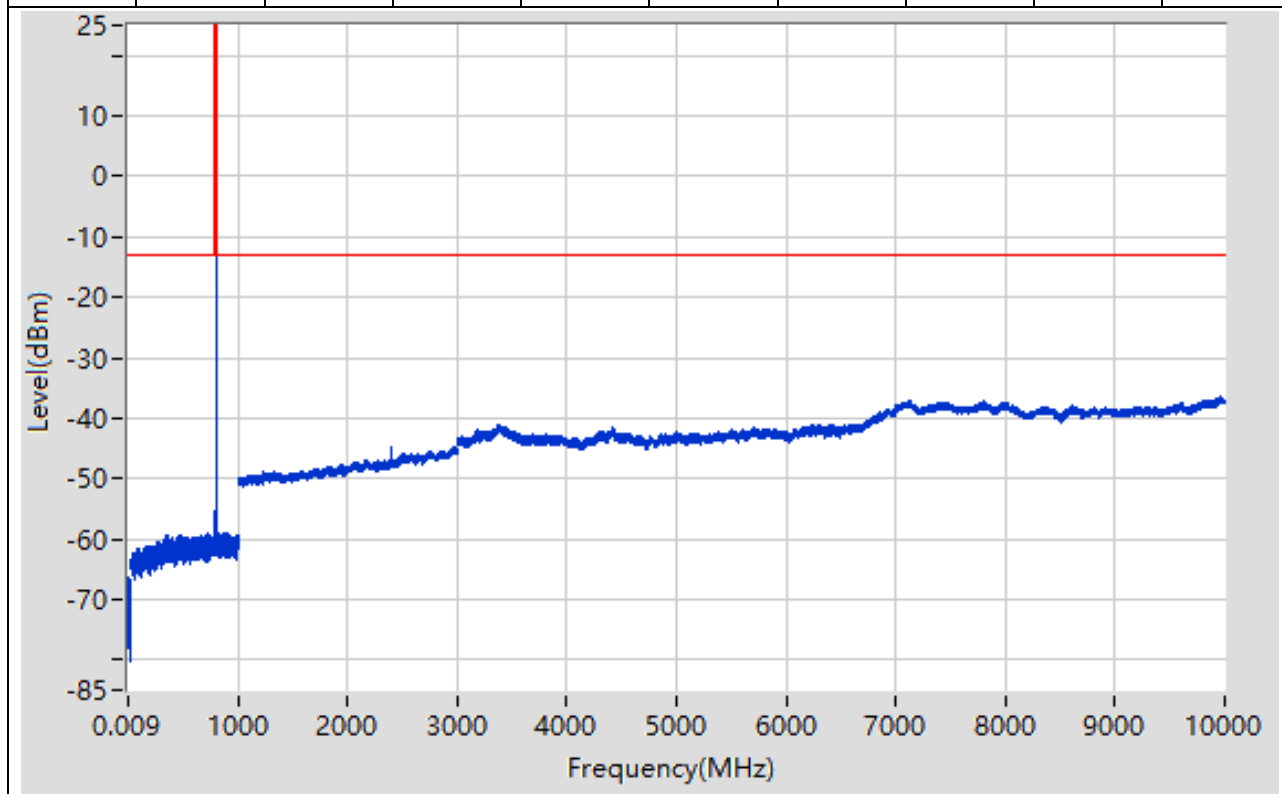
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.77      | -13         | 53.77       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.41           | -66.28      | -13         | 53.28       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 457.2           | -58.83      | -13         | 45.83       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.61       | 60          | 39.39       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 883.5           | -58.94      | -13         | 45.94       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2379            | -44.87      | -13         | 31.87       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9973            | -36.72      | -13         | 23.72       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_3.75kHz\_1@0\_High

### 19.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

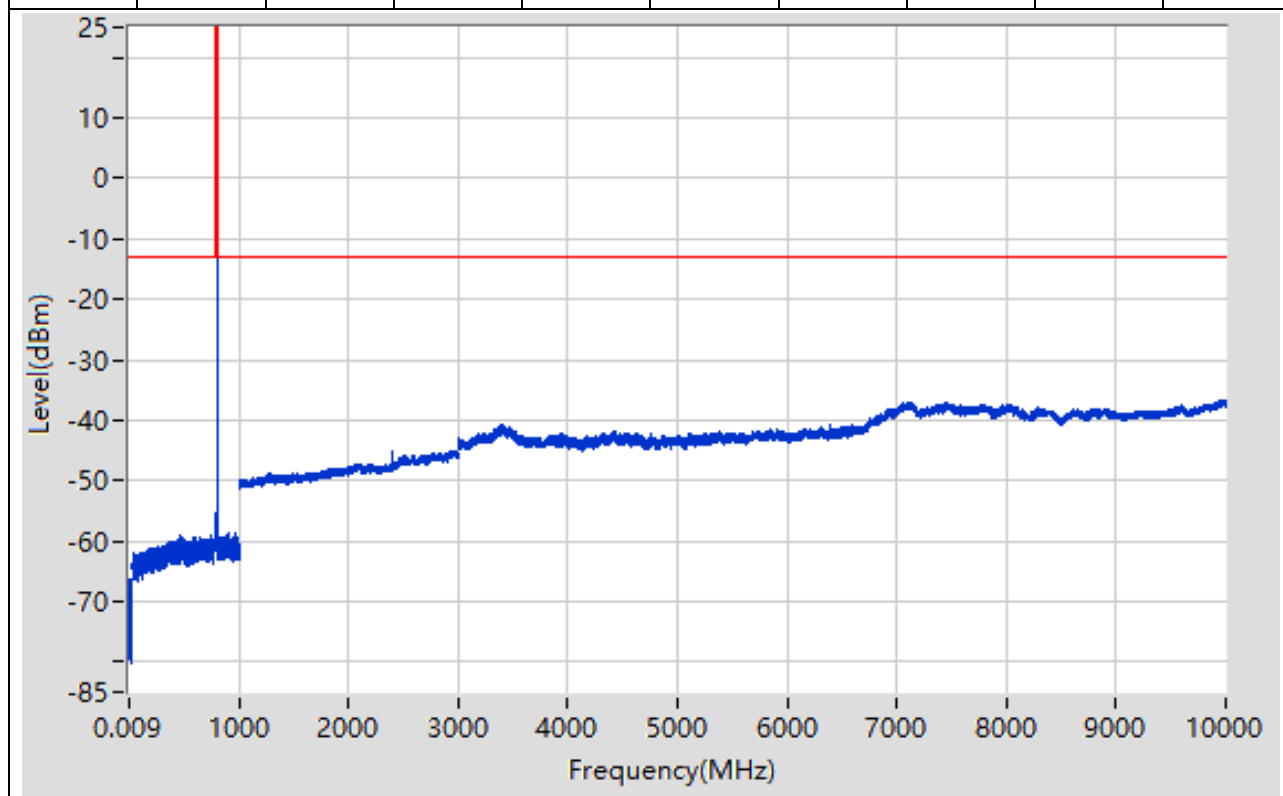
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.018           | -67.49      | -13         | 54.49       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 3.49            | -66.49      | -13         | 53.49       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 729.8           | -59.23      | -13         | 46.23       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.8           | 19.61       | 60          | 40.39       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 858.1           | -58.89      | -13         | 45.89       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2393            | -44.8       | -13         | 31.8        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9965            | -36.56      | -13         | 23.56       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_3.75kHz\_1@0\_High

### 19.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

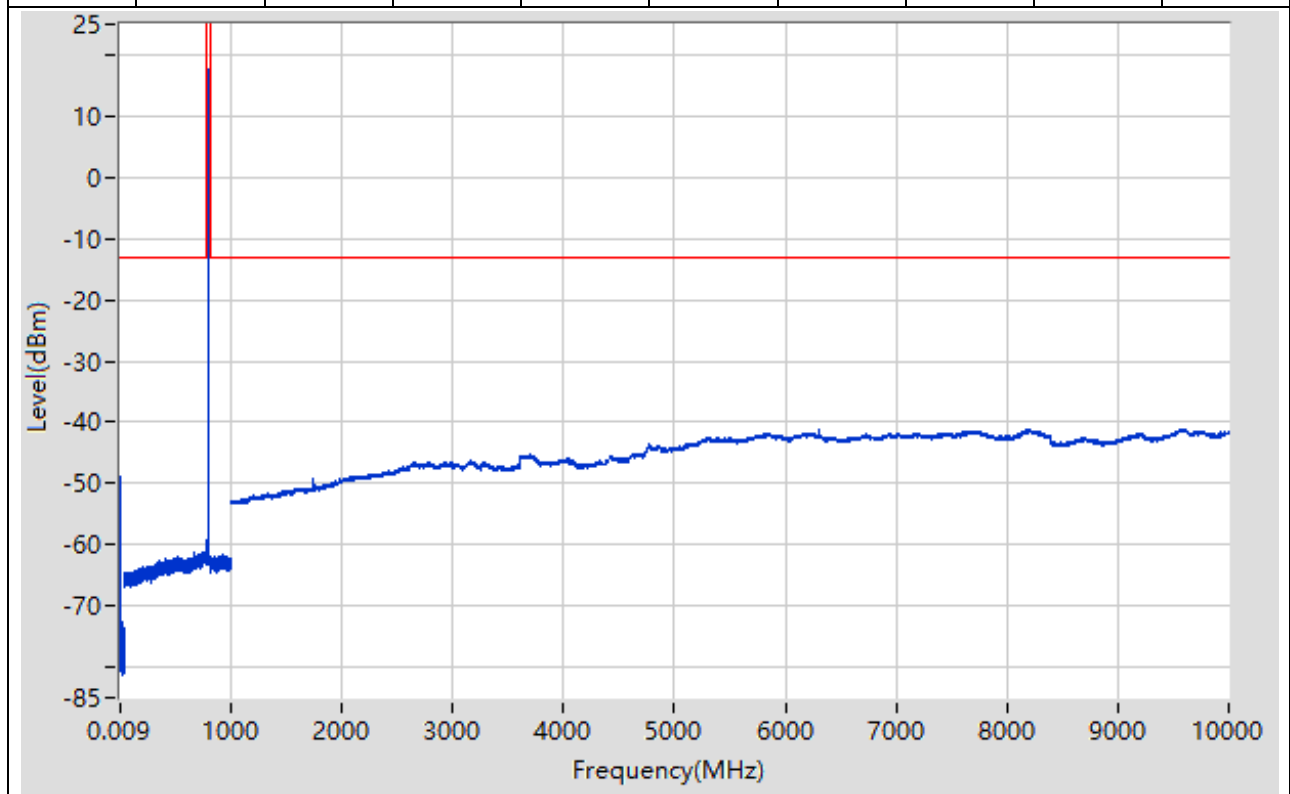
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.036           | -66.82      | -13         | 53.82       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.36           | -66.36      | -13         | 53.36       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 741.8           | -58.99      | -13         | 45.99       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.8           | 19.67       | 60          | 40.33       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 959.5           | -58.69      | -13         | 45.69       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2967            | -45.17      | -13         | 32.17       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9947            | -36.72      | -13         | 23.72       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_Low

### 19.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

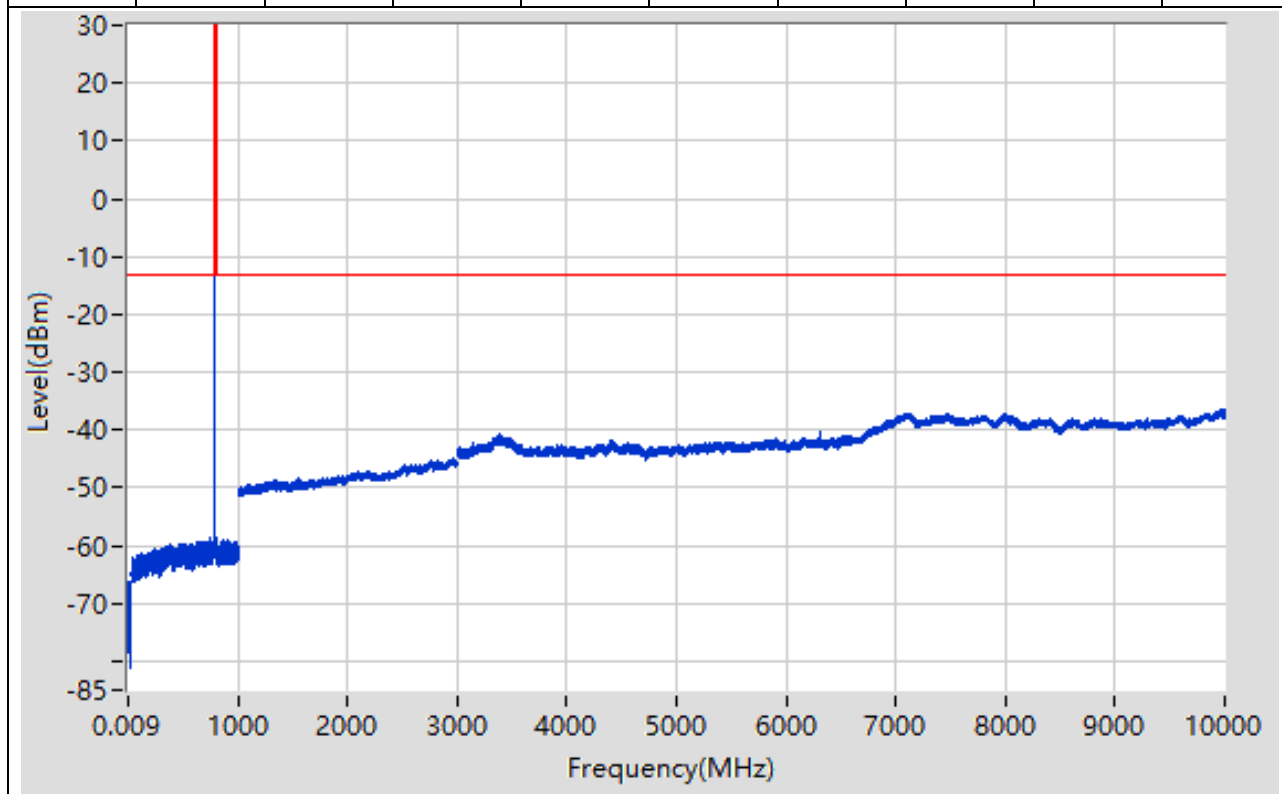
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.88      | -13         | 35.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.01      | -13         | 45.01       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 777.4           | -61.04      | -13         | 48.04       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 17.64       | 60          | 42.36       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 923.3           | -61.6       | -13         | 48.6        | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2998            | -46.58      | -13         | 33.58       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9600            | -41.08      | -13         | 28.08       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_Low

### 19.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

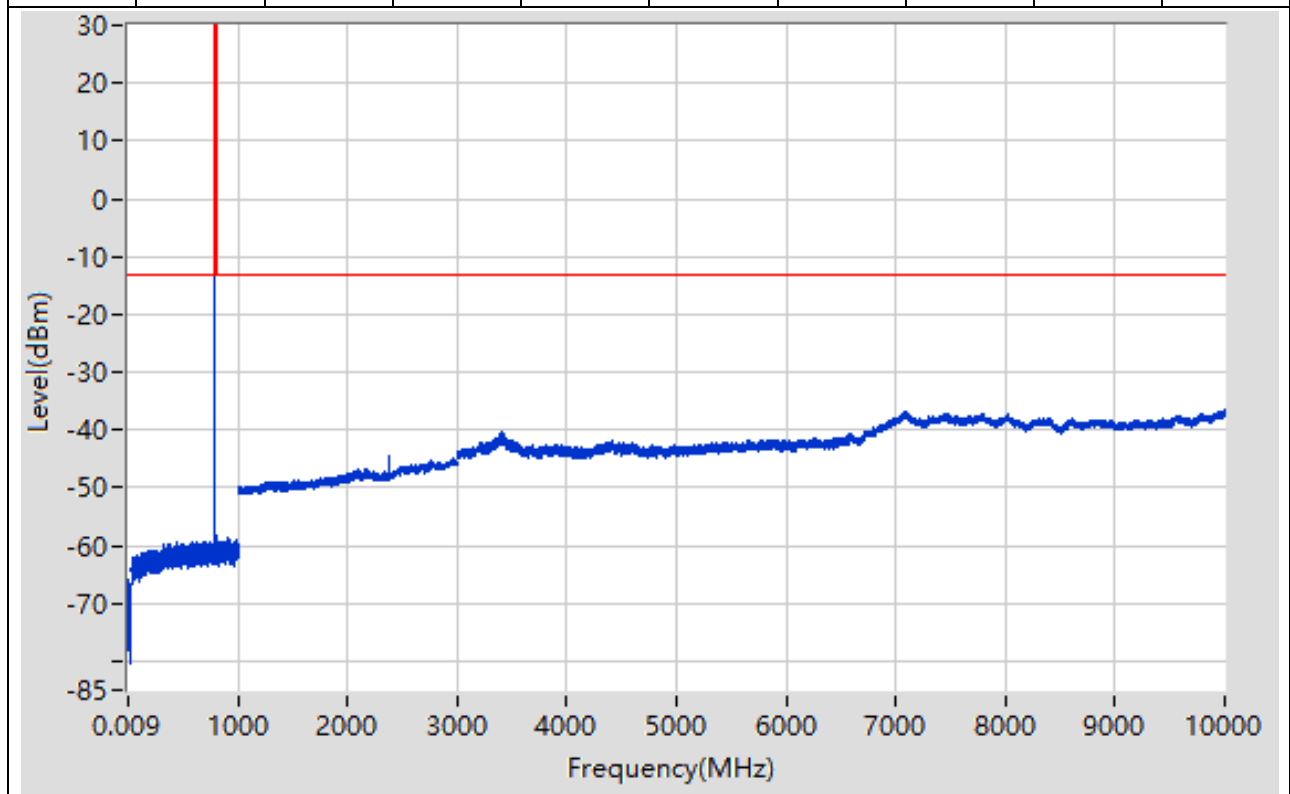
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.016           | -66.55      | -13         | 53.55       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 17.77           | -66.21      | -13         | 53.21       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 742.4           | -58.71      | -13         | 45.71       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 788.05          | 20.81       | 60          | 39.19       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 873.2           | -58.93      | -13         | 45.93       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2957            | -44.97      | -13         | 31.97       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9993            | -36.64      | -13         | 23.64       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_Mid

### 19.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.021           | -67.4       | -13         | 54.4        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 1.65            | -65.76      | -13         | 52.76       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 742.7           | -59.24      | -13         | 46.24       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.64       | 60          | 39.36       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 900.5           | -58.68      | -13         | 45.68       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2379            | -44.44      | -13         | 31.44       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9995            | -36.45      | -13         | 23.45       | Pass    | 7001        |

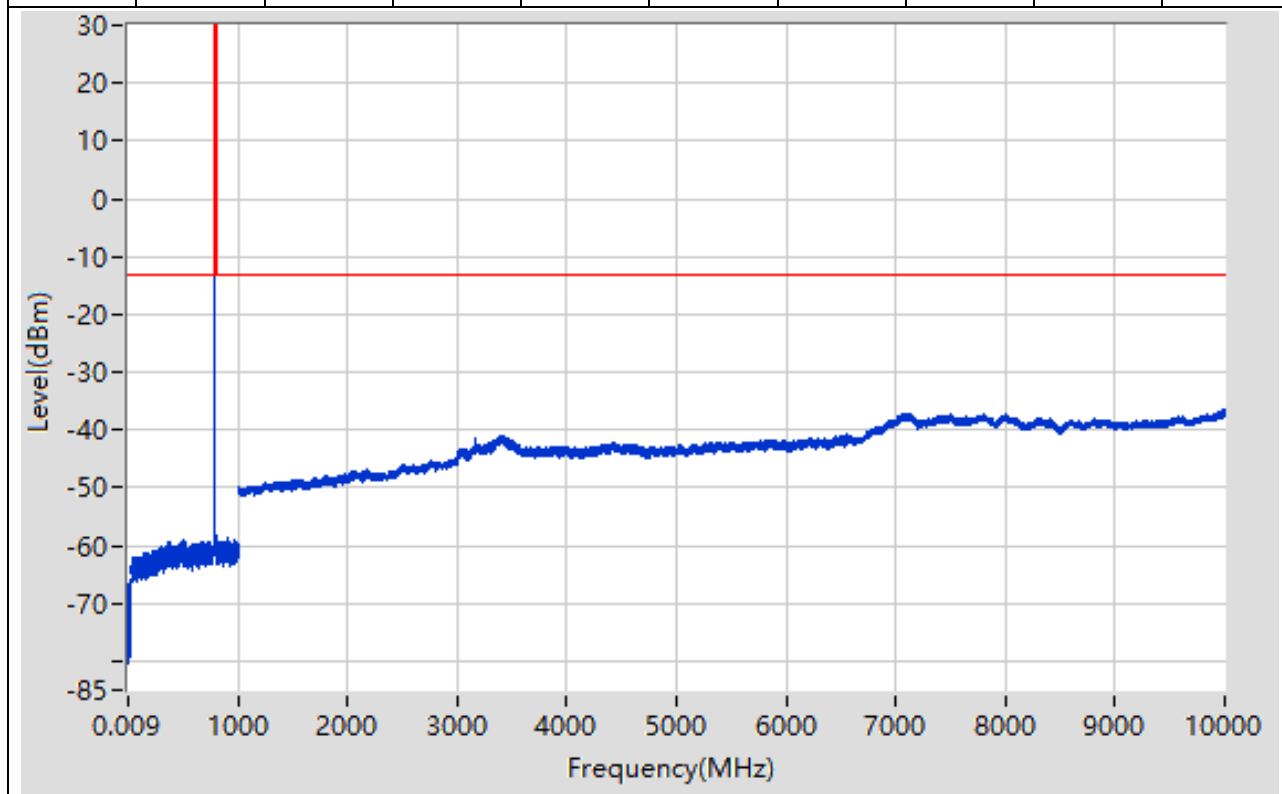




## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_Mid

### 19.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

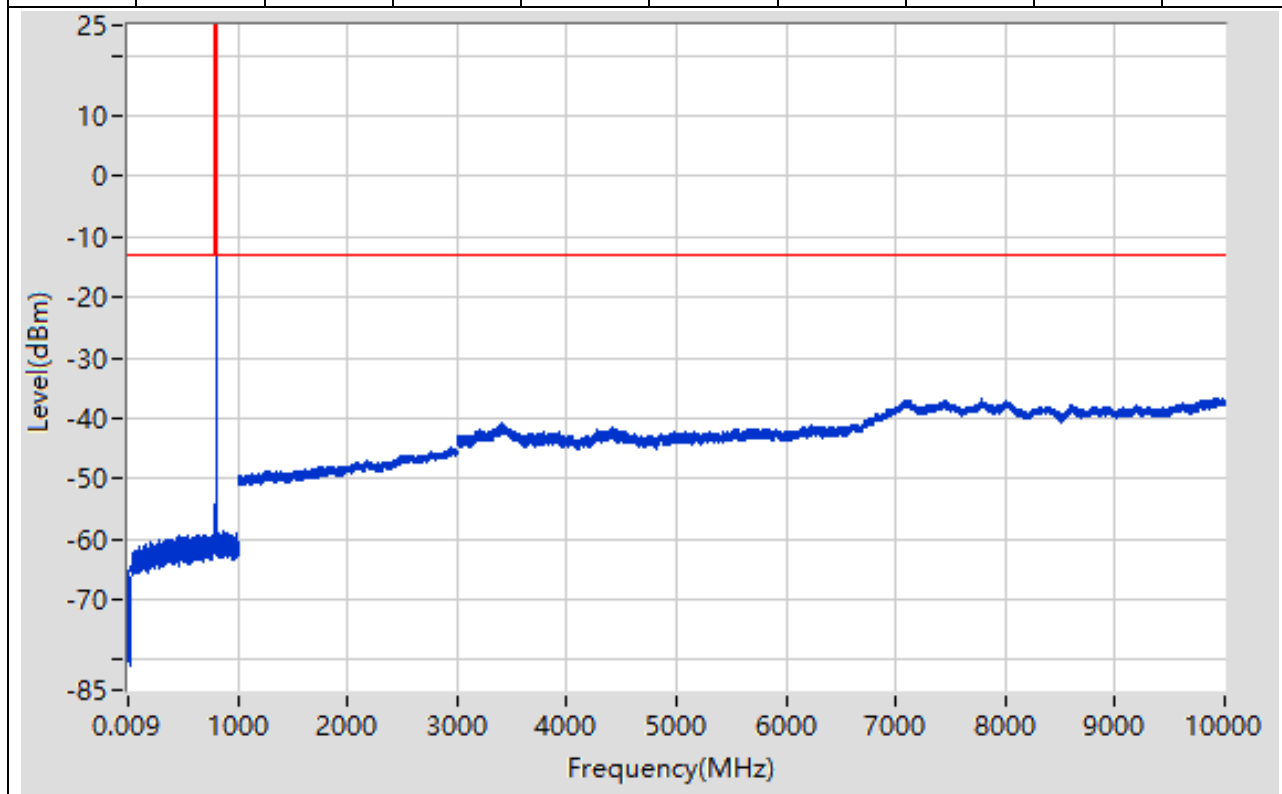
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.08      | -13         | 54.08       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 20.71           | -65.9       | -13         | 52.9        | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 496.1           | -59.02      | -13         | 46.02       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 792.925         | 20.65       | 60          | 39.35       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 906.1           | -58.71      | -13         | 45.71       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2992            | -45.02      | -13         | 32.02       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9972            | -36.59      | -13         | 23.59       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_QPSK\_15kHz\_1@0\_High

### 19.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

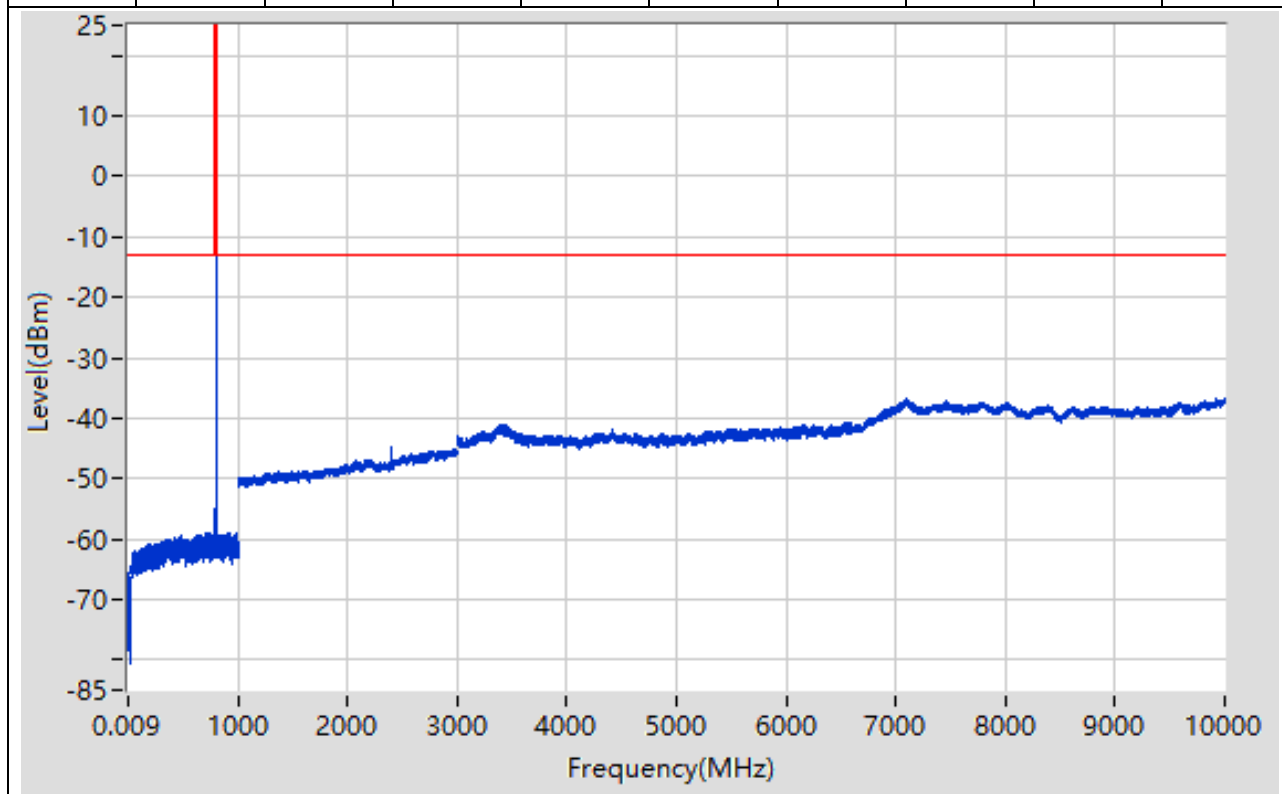
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.39      | -13         | 52.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 15.34           | -66.33      | -13         | 53.33       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 468.2           | -59.31      | -13         | 46.31       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.875         | 19.85       | 60          | 40.15       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 876.8           | -58.68      | -13         | 45.68       | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2944            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9989            | -36.66      | -13         | 23.66       | Pass    | 7001        |



## 19. NB-IoT\_Band14\_BPSK\_15kHz\_1@0\_High

### 19.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

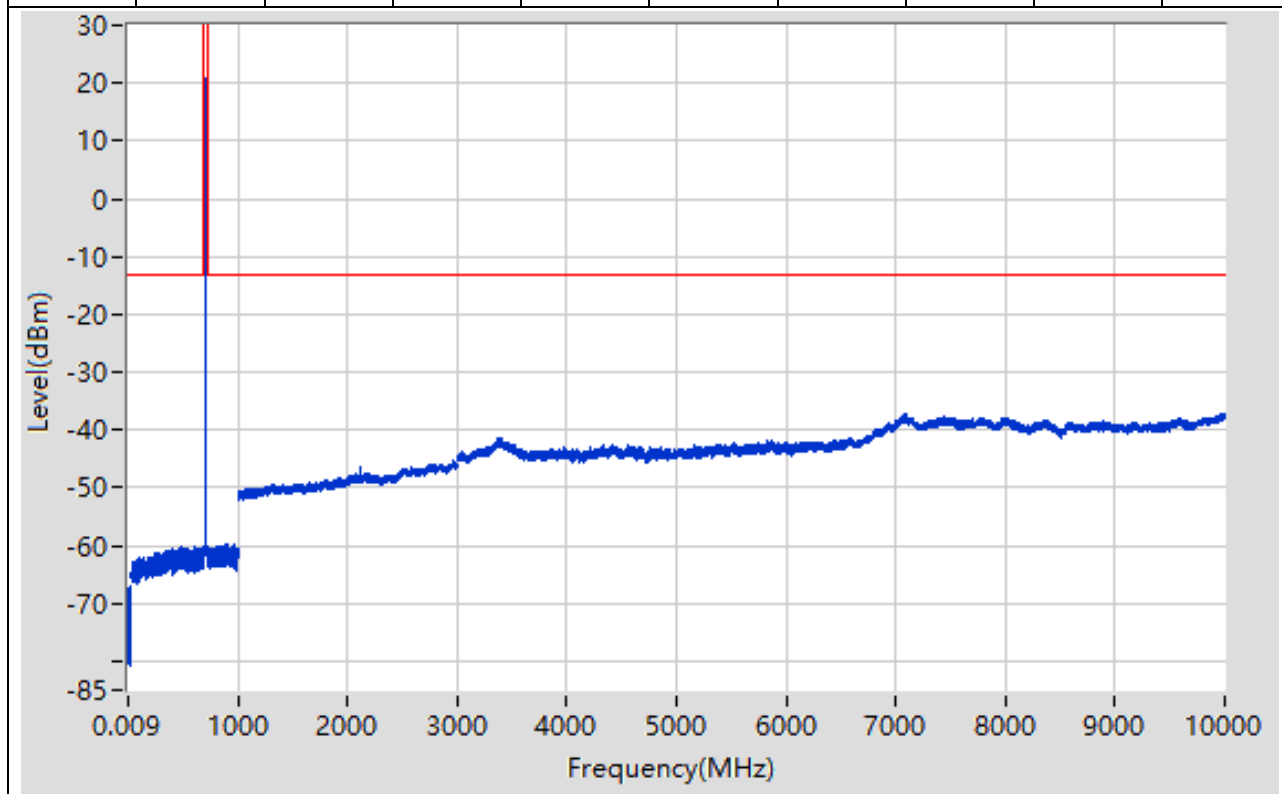
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.031           | -67.67      | -13         | 54.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.27            | -65.63      | -13         | 52.63       | Pass    | 2986        |
| 30                    | 778                  | 0.1       | RMS      | 714.9           | -59.16      | -13         | 46.16       | Pass    | 7481        |
| 778                   | 808                  | 0.1       | RMS      | 797.875         | 19.91       | 60          | 40.09       | Pass    | 401         |
| 808                   | 1000                 | 0.1       | RMS      | 907.9           | -59.1       | -13         | 46.1        | Pass    | 1921        |
| 1000                  | 3000                 | 1         | RMS      | 2394            | -44.76      | -13         | 31.76       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7098            | -36.85      | -13         | 23.85       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_Low

### 20.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

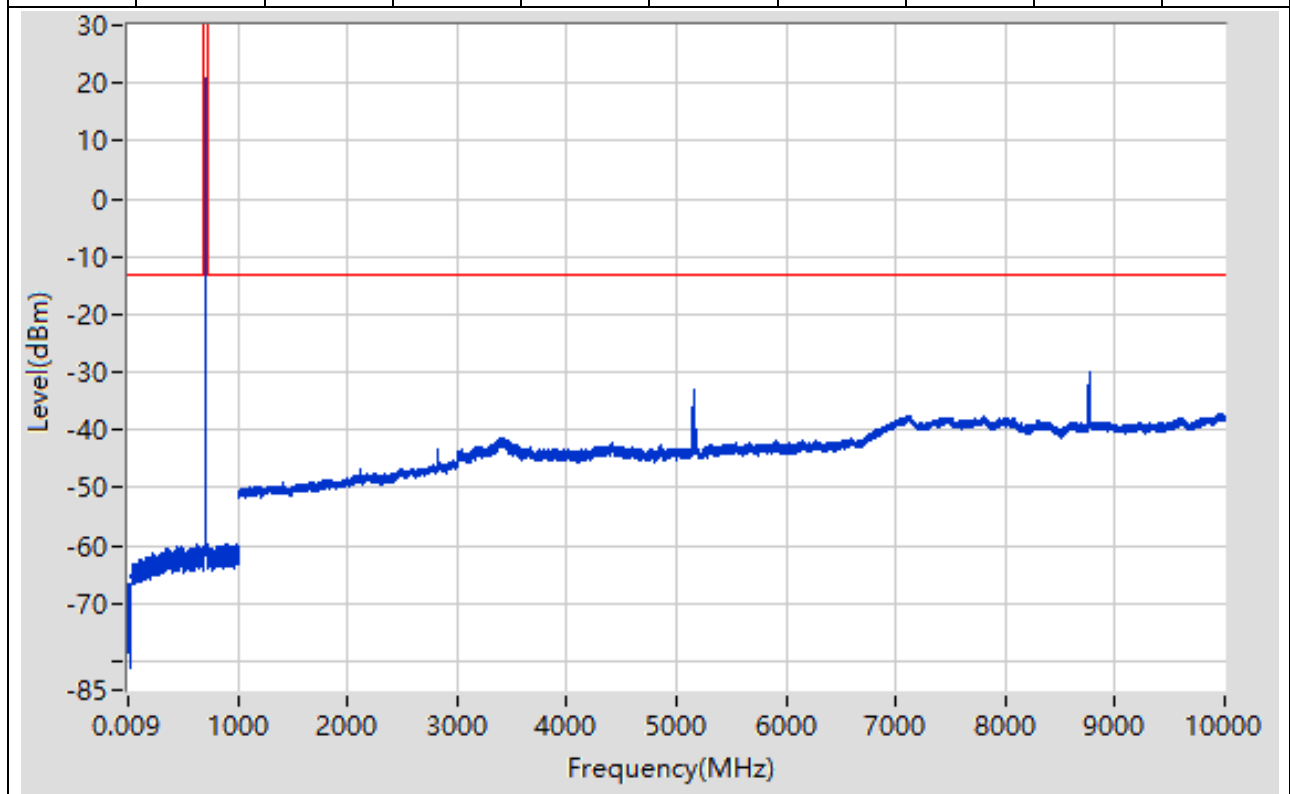
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -67.27      | -13         | 54.27       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.11           | -67.22      | -13         | 54.22       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 610.1           | -60.17      | -13         | 47.17       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.92       | 60          | 39.08       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 890.6           | -59.6       | -13         | 46.6        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2964            | -45.46      | -13         | 32.46       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 10000           | -37.12      | -13         | 24.12       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_Low

### 20.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

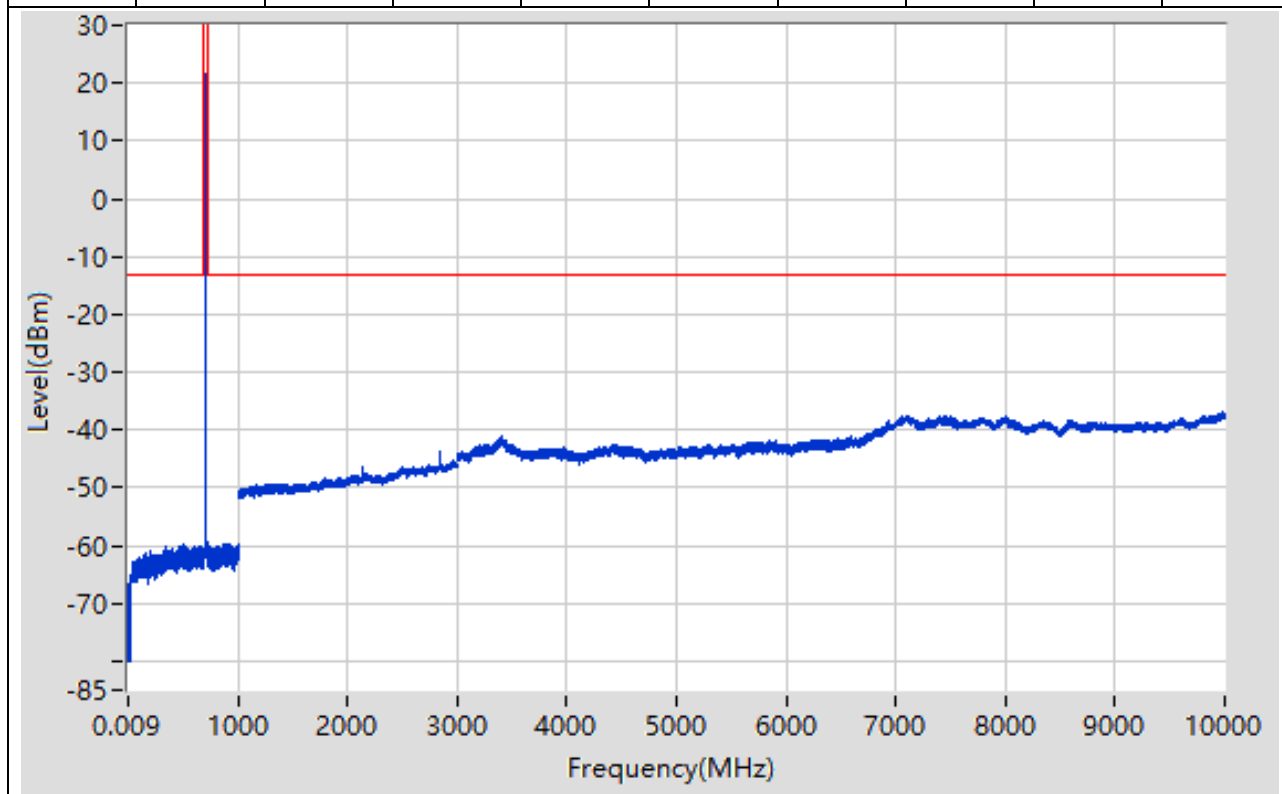
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.028           | -67.89      | -13         | 54.89       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.37           | -66.78      | -13         | 53.78       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 618.4           | -59.7       | -13         | 46.7        | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.84       | 60          | 39.16       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 996.2           | -59.75      | -13         | 46.75       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2816            | -43.39      | -13         | 30.39       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 8766            | -30.11      | -13         | 17.11       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_Mid

### 20.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

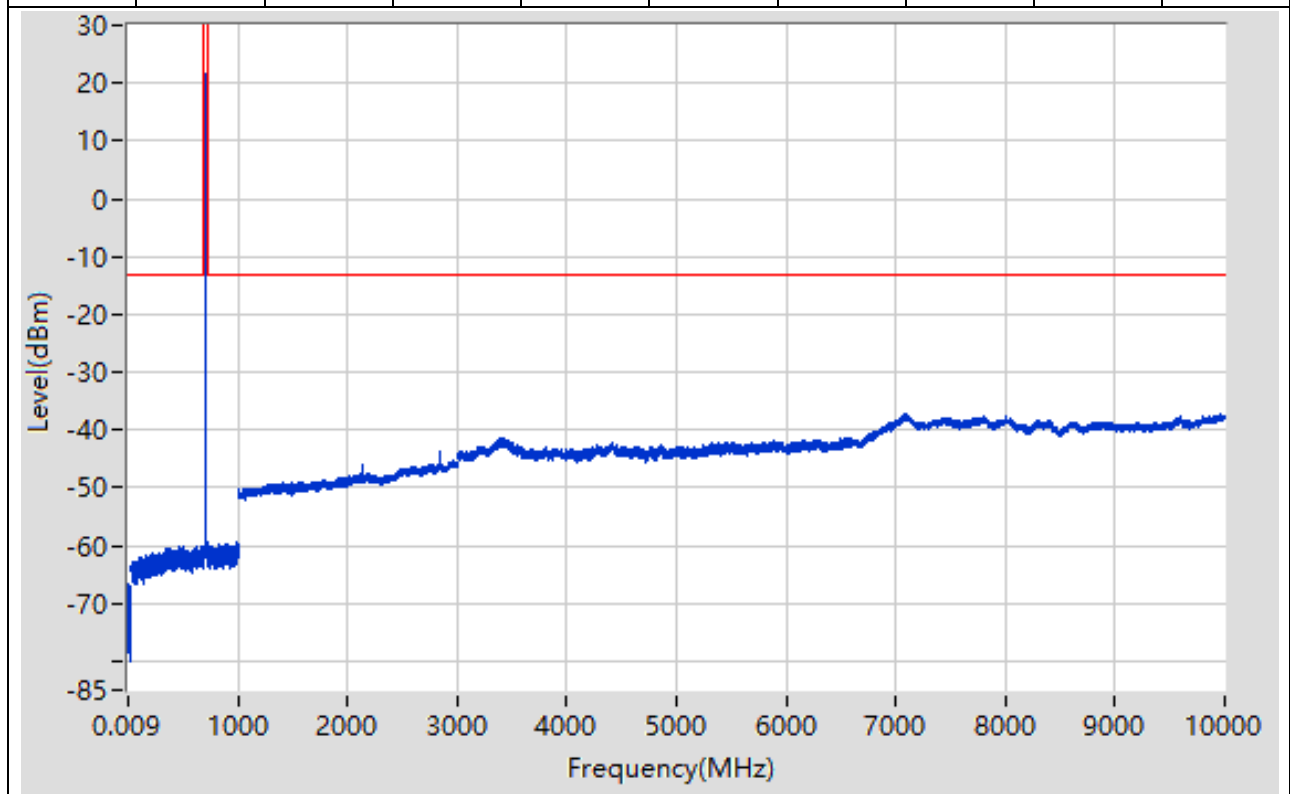
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.54      | -13         | 53.54       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.96           | -66.44      | -13         | 53.44       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 494.4           | -59.72      | -13         | 46.72       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.55       | 60          | 38.45       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 927.8           | -59.65      | -13         | 46.65       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.68      | -13         | 30.68       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9987            | -36.89      | -13         | 23.89       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_Mid

### 20.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

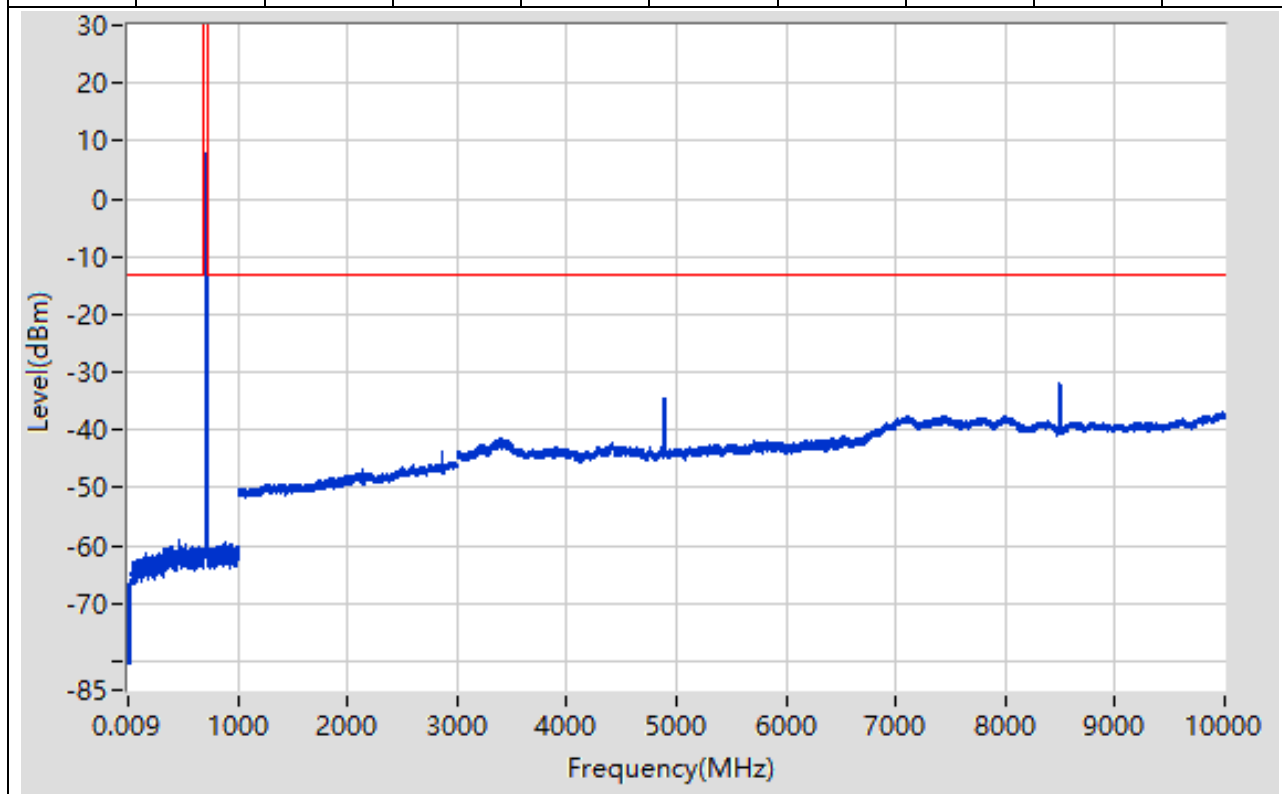
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -66.76      | -13         | 53.76       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 17.5            | -66.9       | -13         | 53.9        | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 494.7           | -60.01      | -13         | 47.01       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.52       | 60          | 38.48       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 997.6           | -59.34      | -13         | 46.34       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.59      | -13         | 30.59       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7104            | -37.12      | -13         | 24.12       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_3.75kHz\_1@0\_High

### 20.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.046           | -66.56      | -13         | 53.56       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 23.1            | -66.05      | -13         | 53.05       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 472.1           | -59.19      | -13         | 46.19       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.64       | 60          | 38.36       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 881             | -59.5       | -13         | 46.5        | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.82      | -13         | 30.82       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 8485            | -32.07      | -13         | 19.07       | Pass    | 7001        |

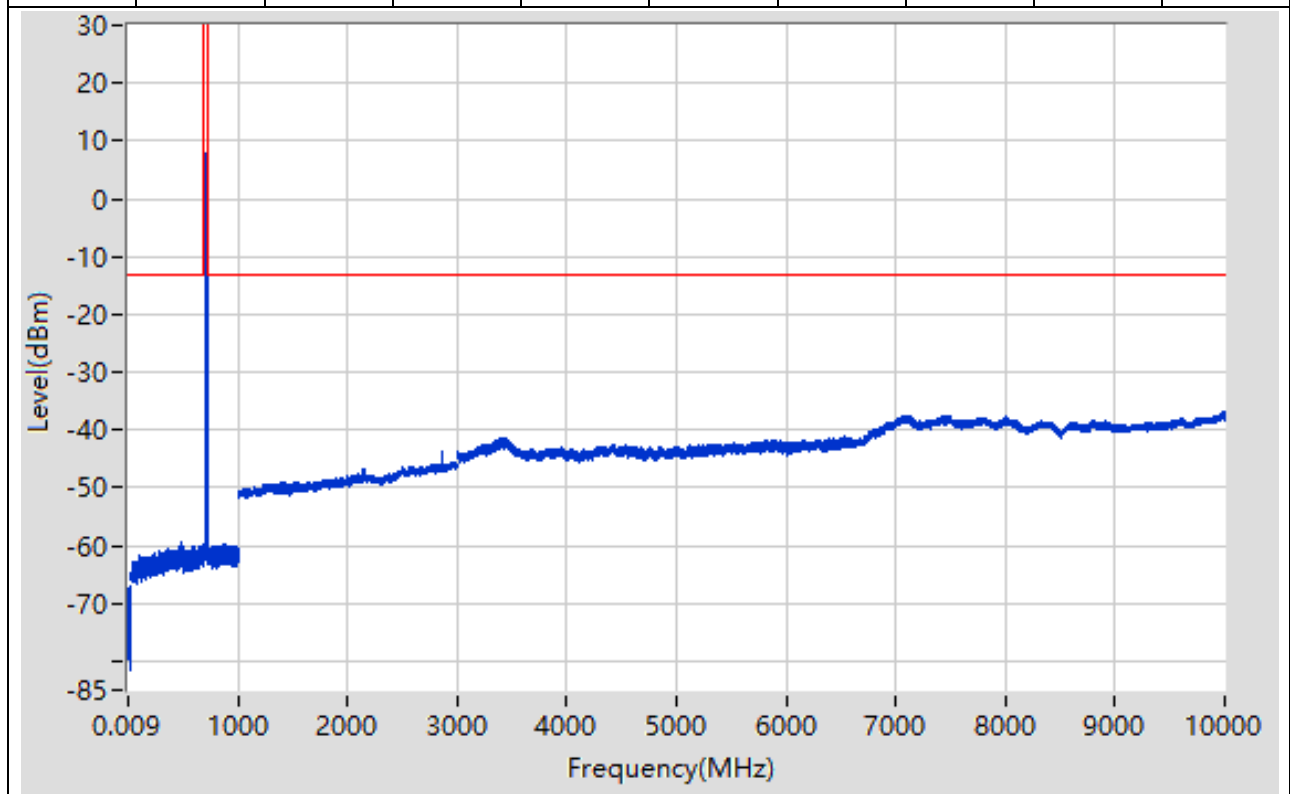




## 20. NB-IoT\_Band17\_BPSK\_3.75kHz\_1@0\_High

### 20.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

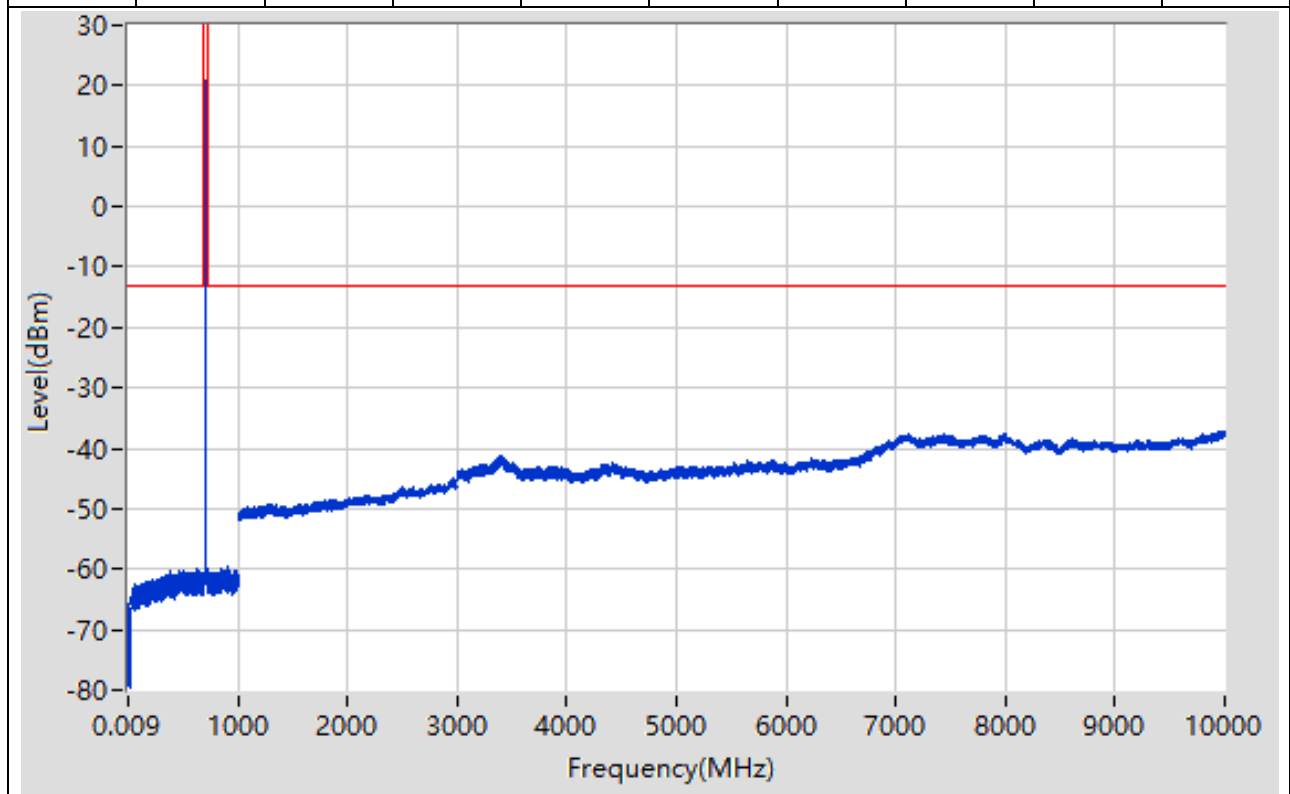
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -67.36      | -13         | 54.36       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 24.08           | -66.97      | -13         | 53.97       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 475.5           | -59.56      | -13         | 46.56       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.65       | 60          | 38.35       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 865.9           | -59.87      | -13         | 46.87       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.79      | -13         | 30.79       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 10000           | -36.88      | -13         | 23.88       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_Low

### 20.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

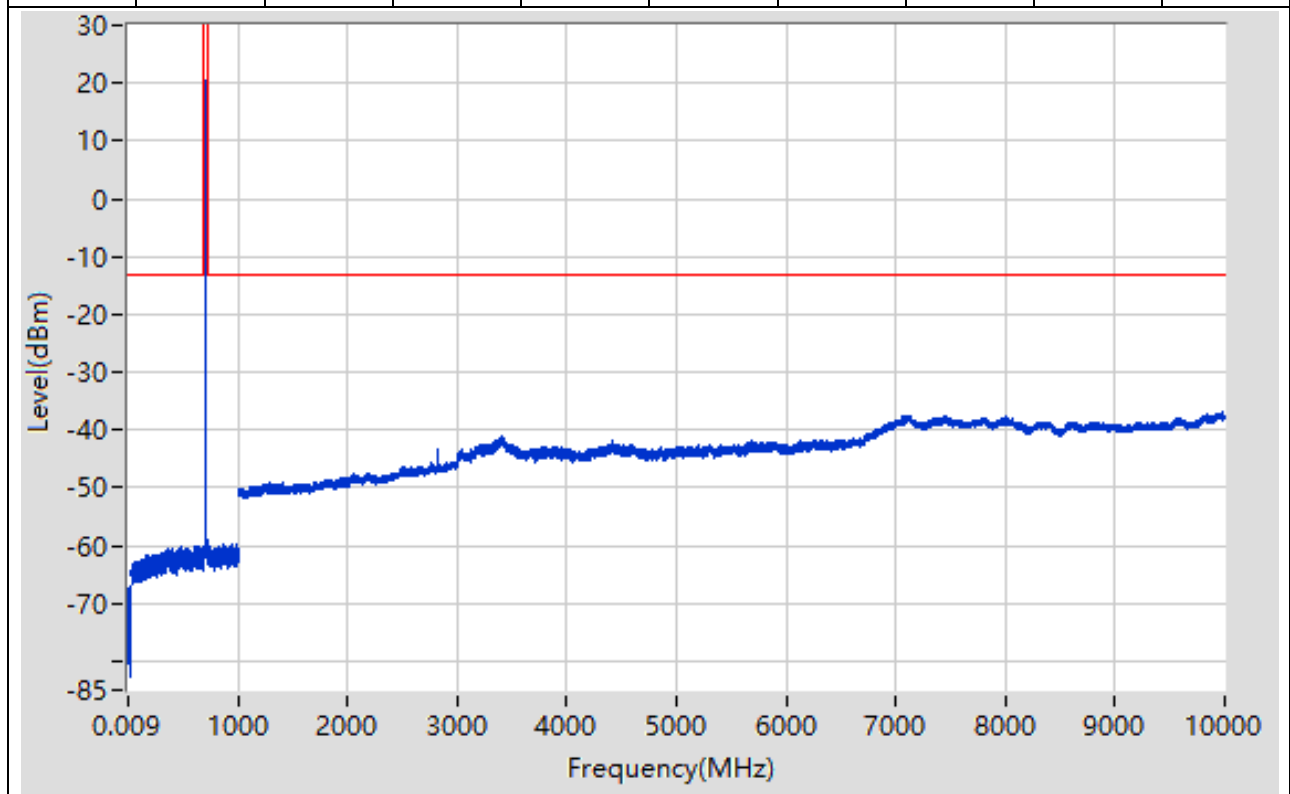
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -65.79      | -13         | 52.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 8.27            | -66.6       | -13         | 53.6        | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 634             | -59.9       | -13         | 46.9        | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.71       | 60          | 39.29       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 911             | -59.66      | -13         | 46.66       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2964            | -45.06      | -13         | 32.06       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9985            | -37.09      | -13         | 24.09       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_Low

### 20.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

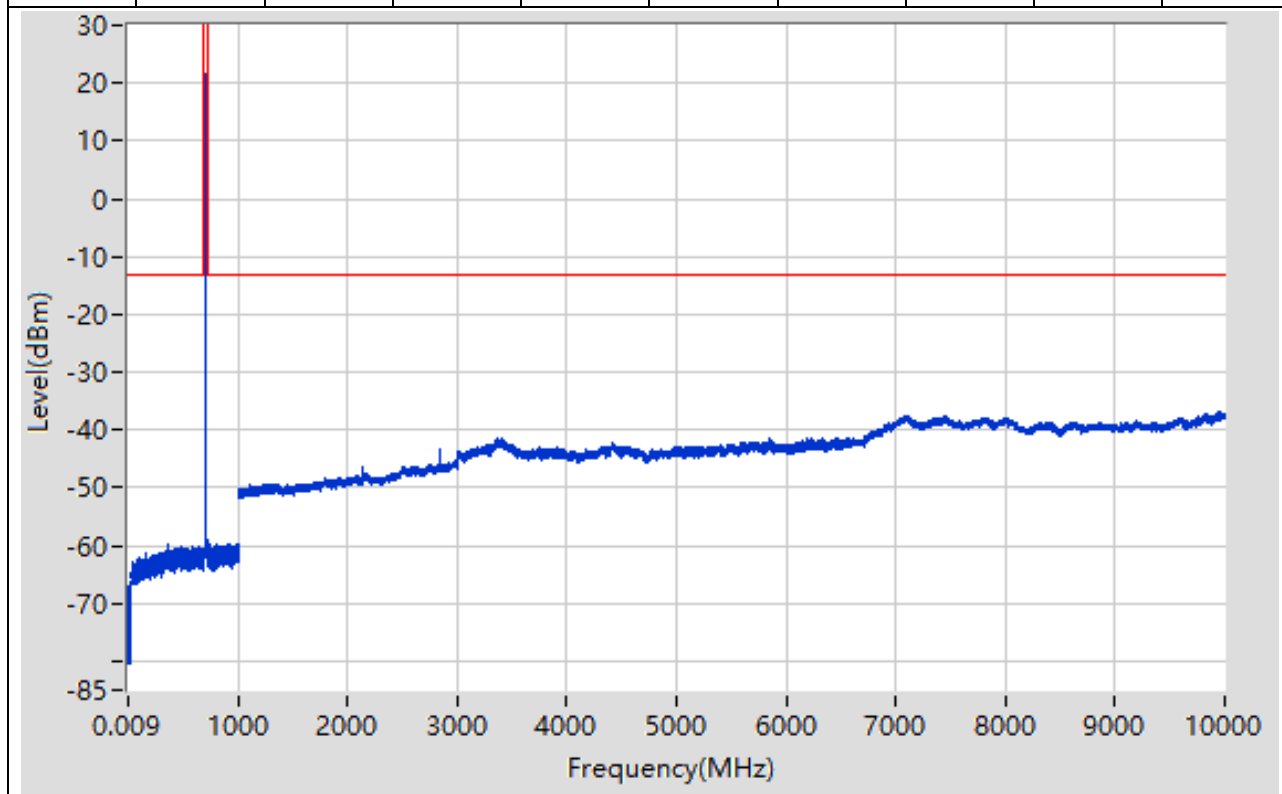
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -68.41      | -13         | 55.41       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 12.49           | -67.1       | -13         | 54.1        | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 477.2           | -60.06      | -13         | 47.06       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 704             | 20.57       | 60          | 39.43       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 955.5           | -59.89      | -13         | 46.89       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2816            | -43.35      | -13         | 30.35       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9983            | -36.95      | -13         | 23.95       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_Mid

### 20.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

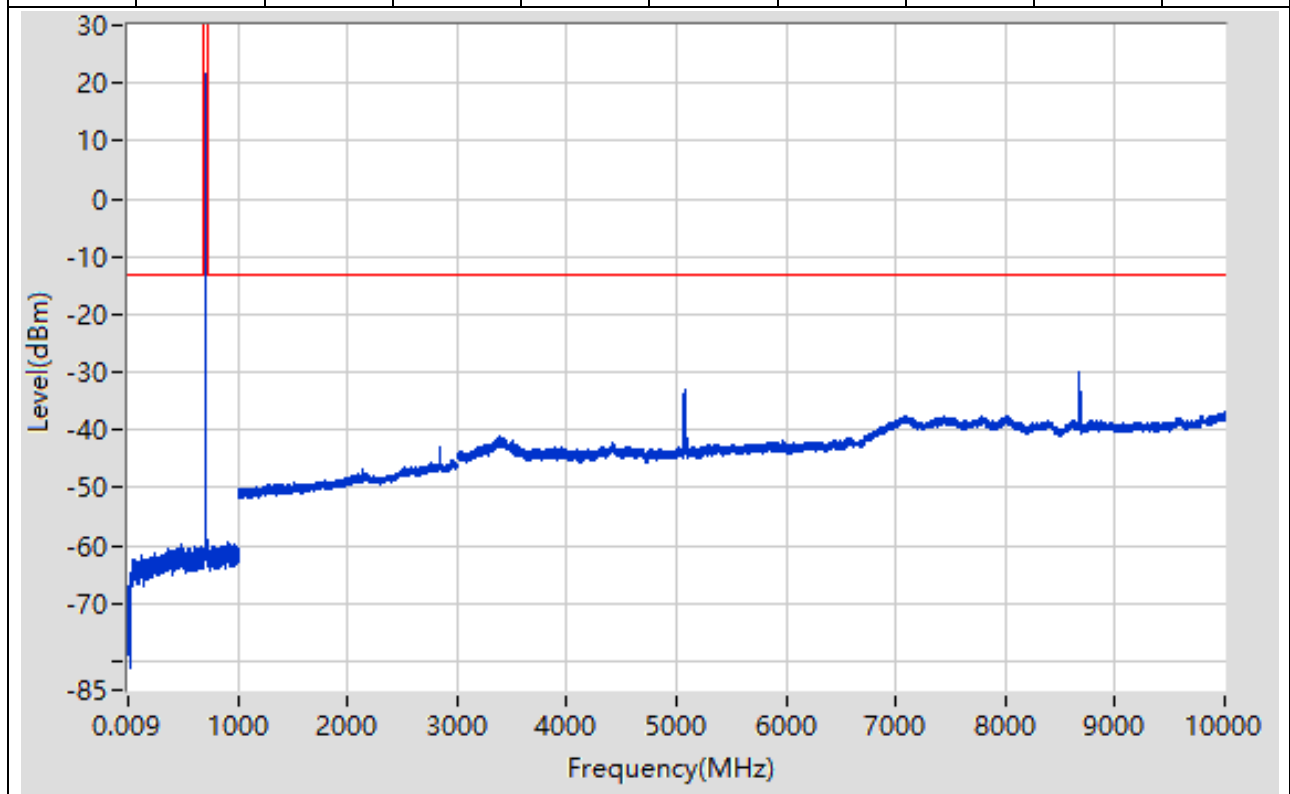
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.017           | -67.62      | -13         | 54.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 29.25           | -66.17      | -13         | 53.17       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 357.6           | -59.89      | -13         | 46.89       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.53       | 60          | 38.47       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 914.2           | -59.74      | -13         | 46.74       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.28      | -13         | 30.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9935            | -36.99      | -13         | 23.99       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_Mid

### 20.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

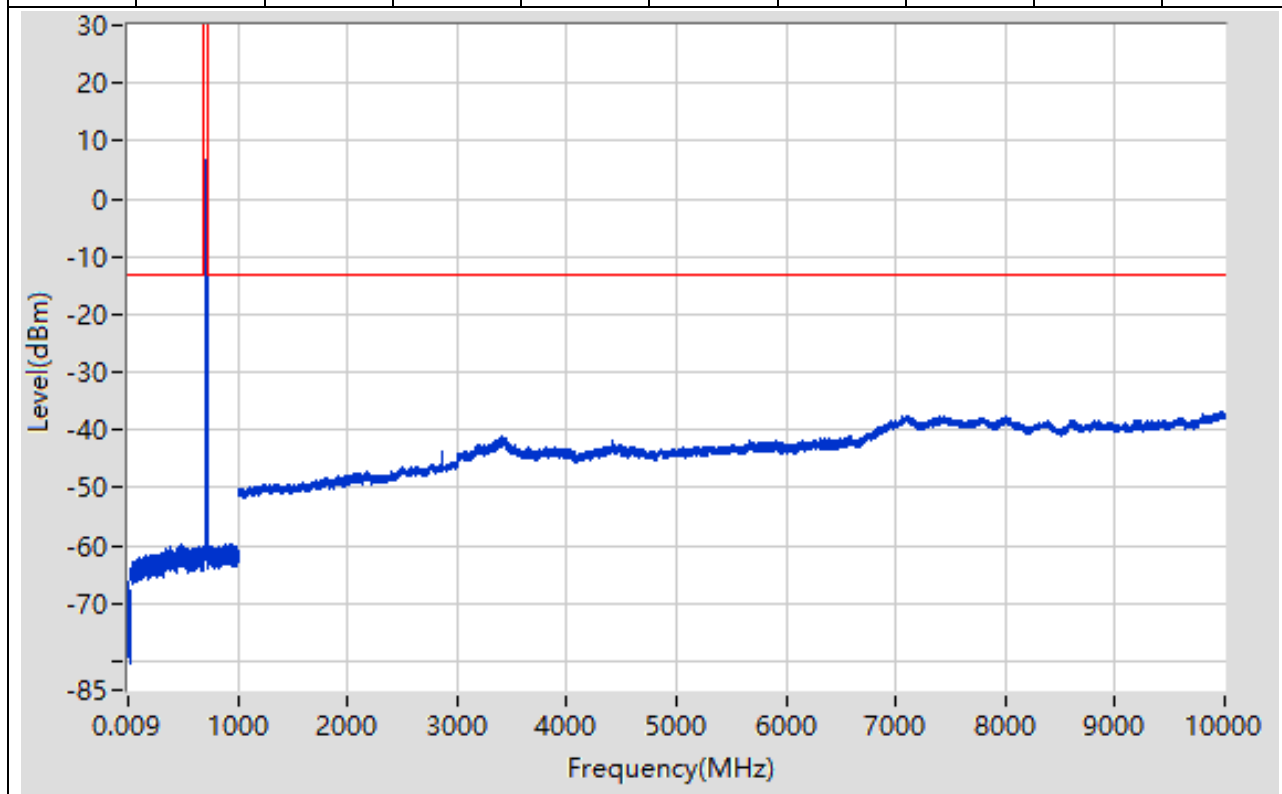
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -67.02      | -13         | 54.02       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 21.35           | -66.42      | -13         | 53.42       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 480.5           | -59.83      | -13         | 46.83       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 709.92          | 21.58       | 60          | 38.42       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 910.3           | -59.41      | -13         | 46.41       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2840            | -43.07      | -13         | 30.07       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 8679            | -29.91      | -13         | 16.91       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_QPSK\_15kHz\_1@0\_High

### 20.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

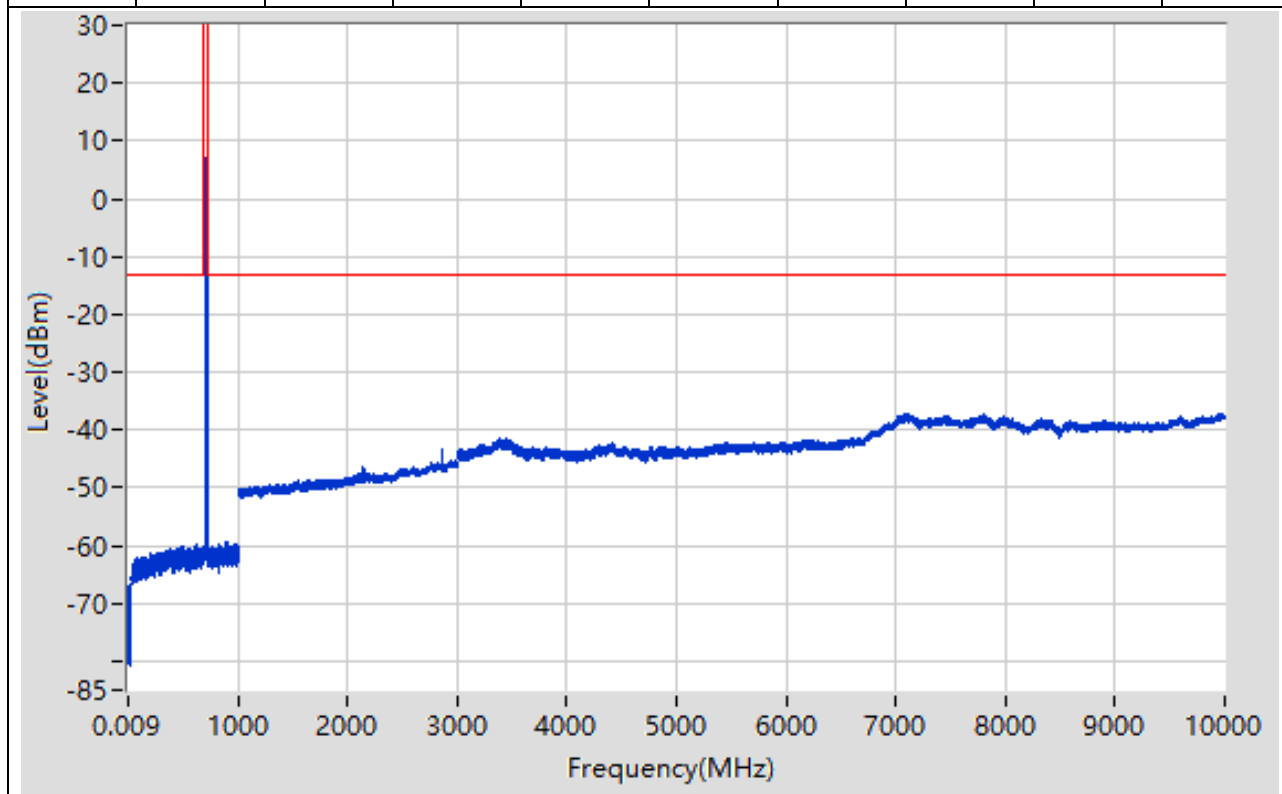
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -66.6       | -13         | 53.6        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 6.47            | -66.14      | -13         | 53.14       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 482.5           | -59.62      | -13         | 46.62       | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.83       | 60          | 38.17       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 885.4           | -59.74      | -13         | 46.74       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.58      | -13         | 30.58       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9987            | -36.87      | -13         | 23.87       | Pass    | 7001        |



## 20. NB-IoT\_Band17\_BPSK\_15kHz\_1@0\_High

### 20.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

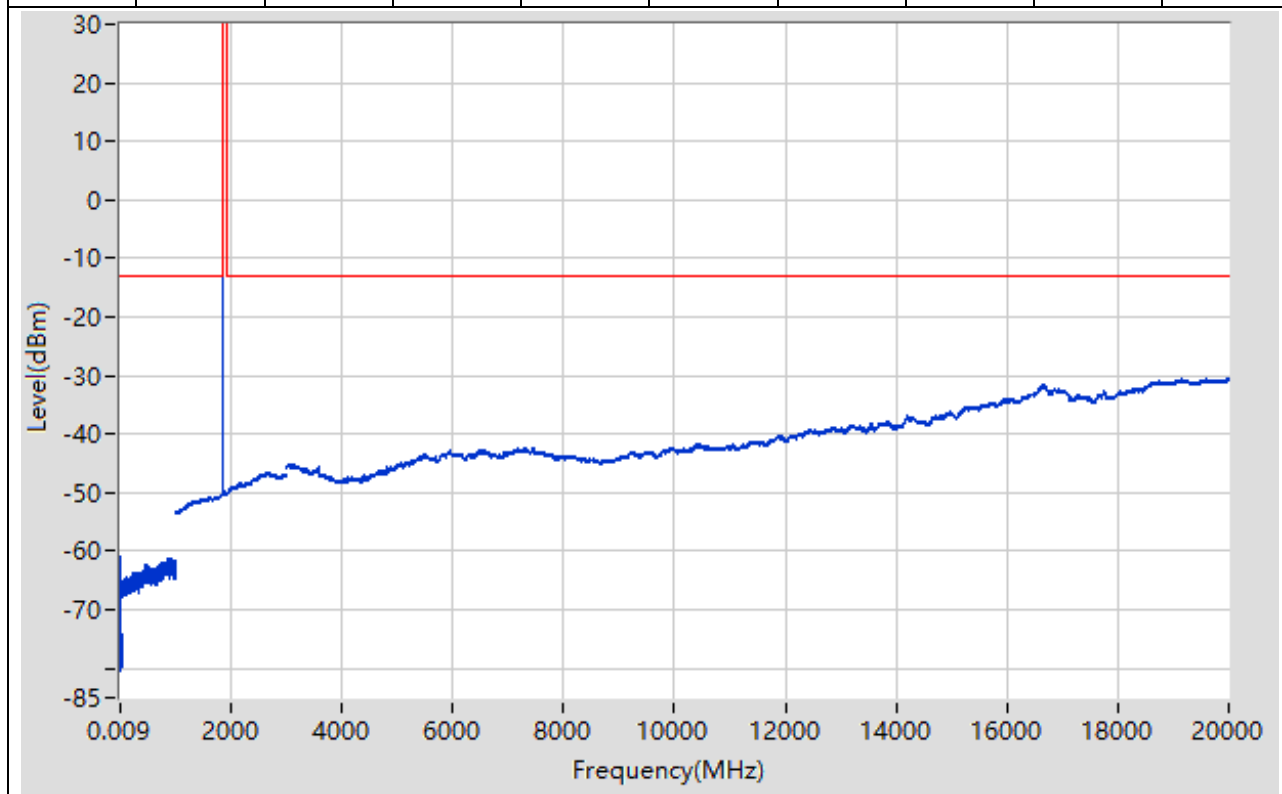
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -67.01      | -13         | 54.01       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 18.09           | -66.75      | -13         | 53.75       | Pass    | 2986        |
| 30                    | 694                  | 0.1       | RMS      | 628.9           | -59.9       | -13         | 46.9        | Pass    | 6641        |
| 694                   | 726                  | 0.1       | RMS      | 715.84          | 21.81       | 60          | 38.19       | Pass    | 401         |
| 726                   | 1000                 | 0.1       | RMS      | 891.3           | -59.27      | -13         | 46.27       | Pass    | 2741        |
| 1000                  | 3000                 | 1         | RMS      | 2863            | -43.28      | -13         | 30.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9989            | -37.12      | -13         | 24.12       | Pass    | 7001        |



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_Low

### 21.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.139           | -62.56      | -13         | 49.56       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.83      | -13         | 47.83       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 923.6           | -61.21      | -13         | 48.21       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -49.8       | -13         | 36.8        | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.2          | 20.58       | 60          | 39.42       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2678            | -46.41      | -13         | 33.41       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19985           | -30.54      | -13         | 17.54       | Pass    | 17001       |

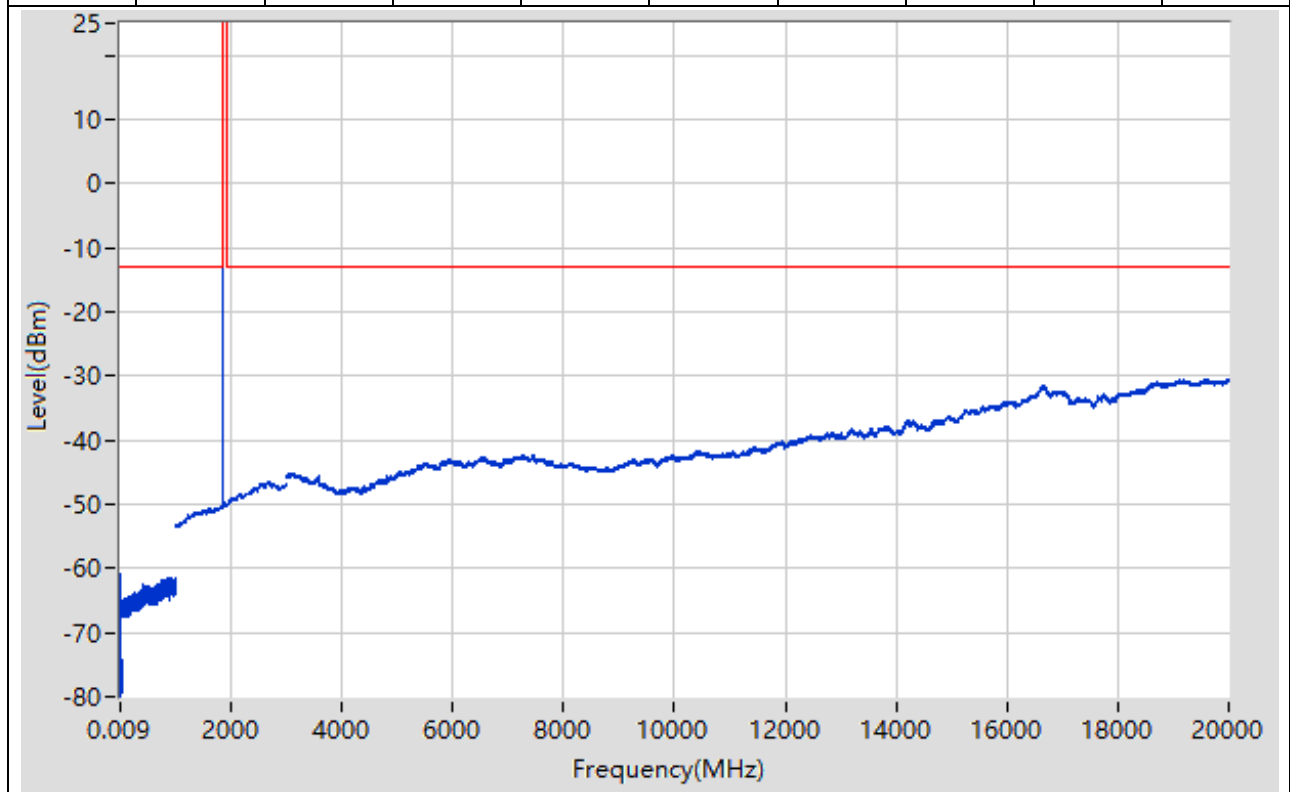




## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_Low

### 21.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

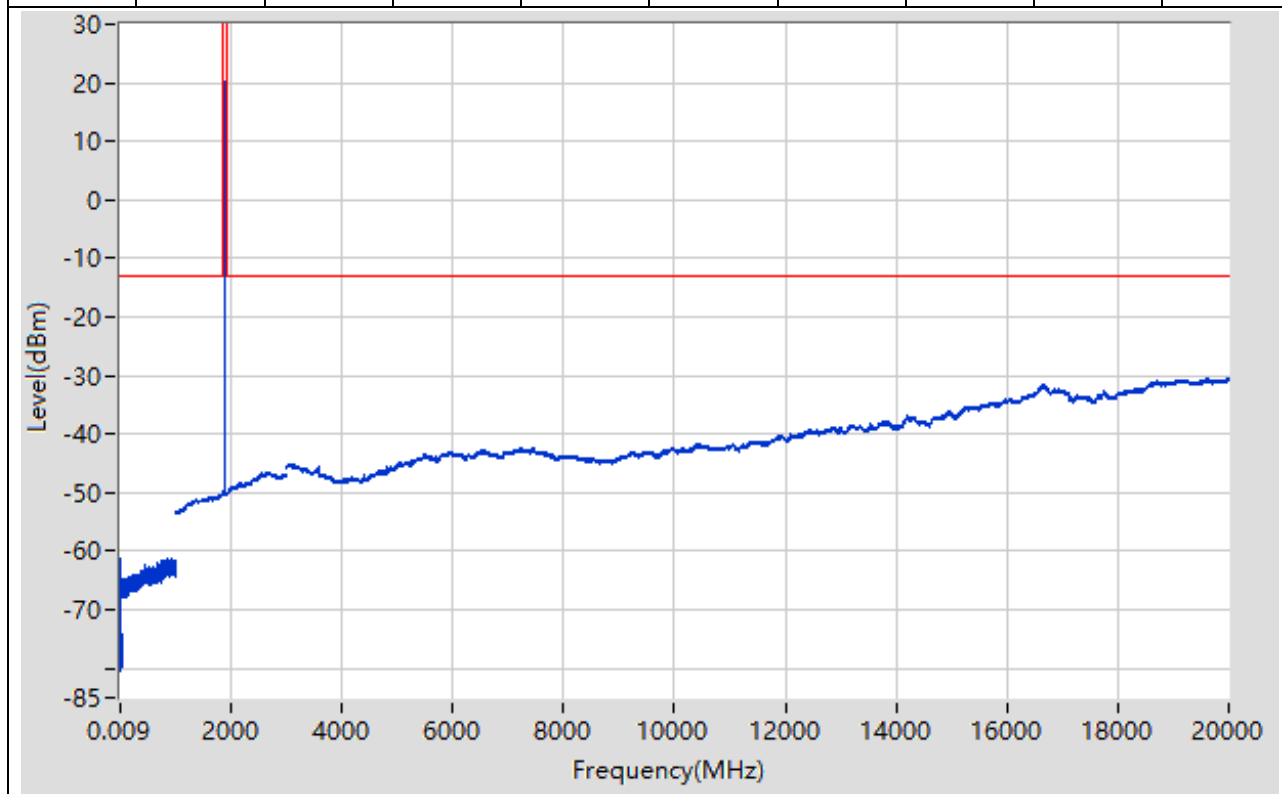
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.136           | -61.73      | -13         | 48.73       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.82      | -13         | 47.82       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 877.8           | -61.41      | -13         | 48.41       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -49.73      | -13         | 36.73       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.625        | 17.38       | 60          | 42.62       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2668            | -46.46      | -13         | 33.46       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19986           | -30.55      | -13         | 17.55       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_Mid

### 21.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

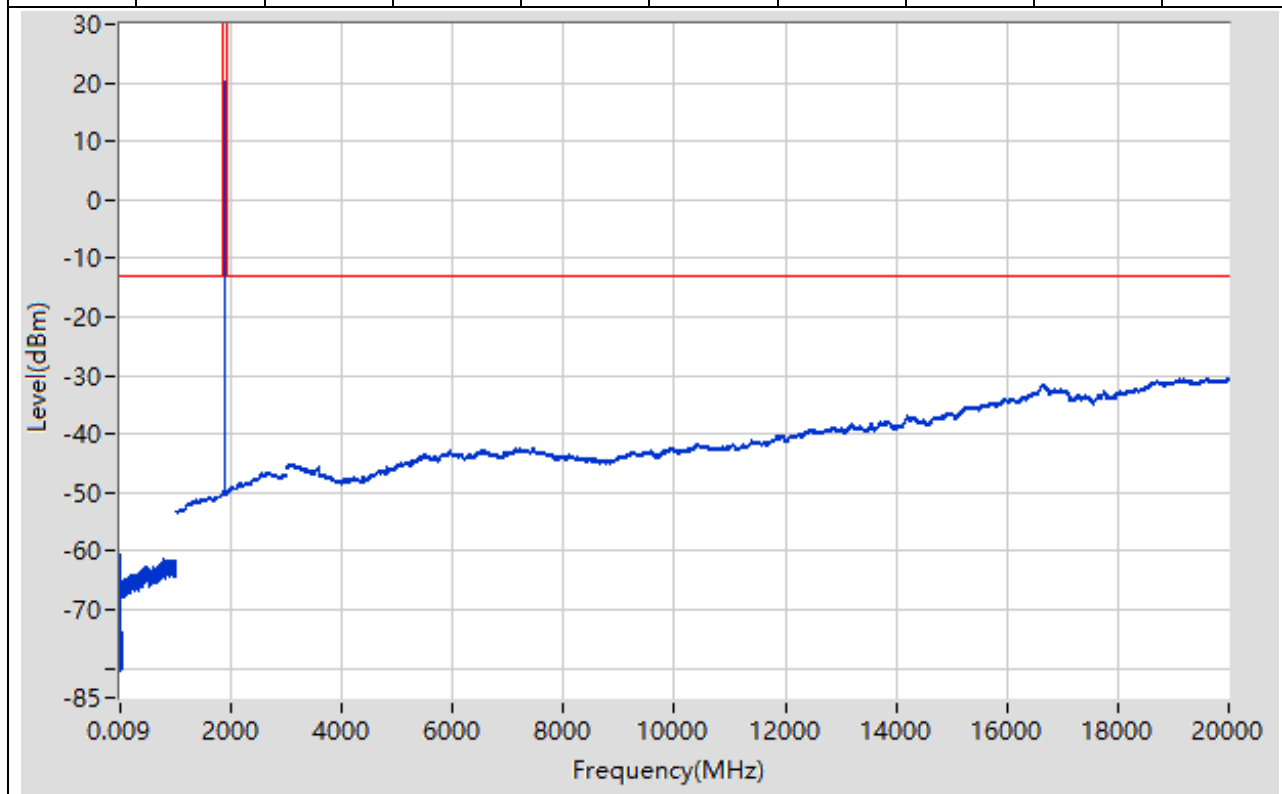
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.147           | -61.8       | -13         | 48.8        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -61.22      | -13         | 48.22       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 936             | -61.3       | -13         | 48.3        | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -50.32      | -13         | 37.32       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.5          | 20.32       | 60          | 39.68       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2667            | -46.43      | -13         | 33.43       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19986           | -30.55      | -13         | 17.55       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_Mid

### 21.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

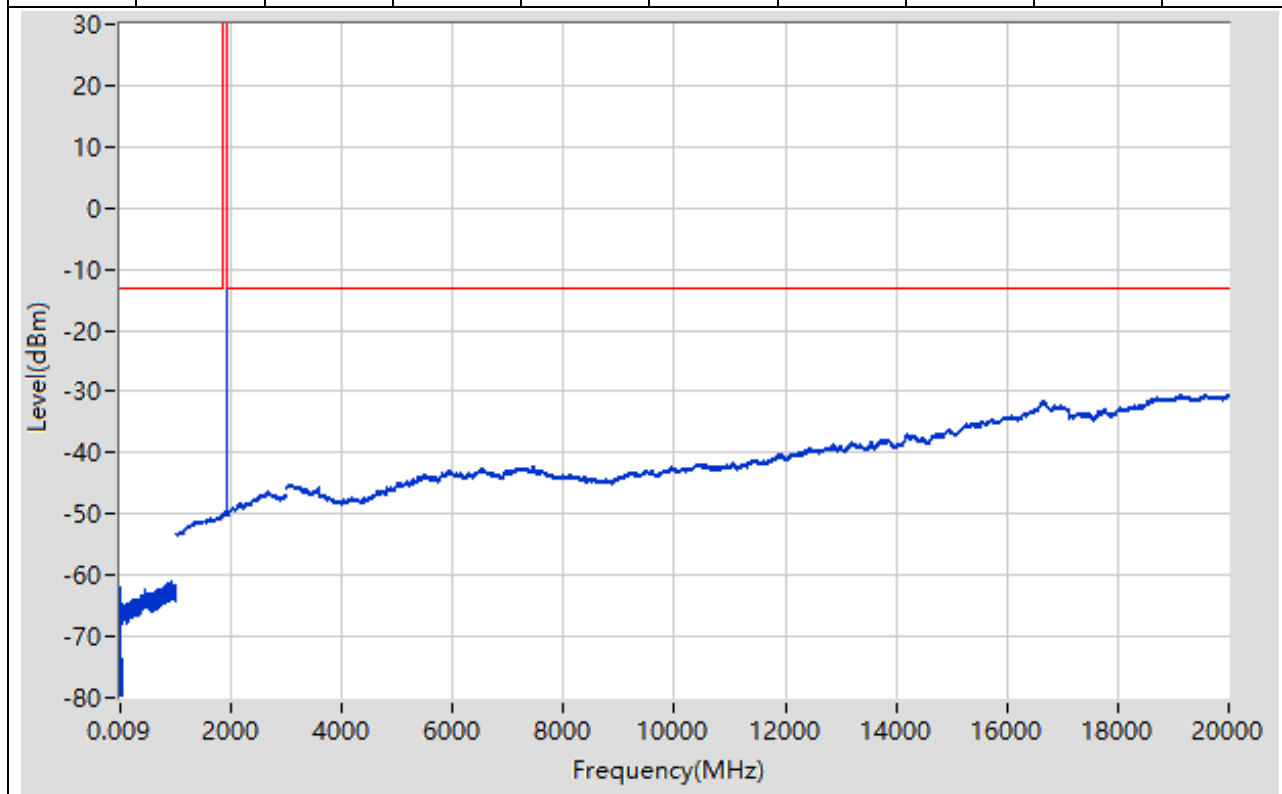
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.146           | -62.52      | -13         | 49.52       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.66      | -13         | 47.66       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 788.8           | -61.38      | -13         | 48.38       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -50.21      | -13         | 37.21       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.5          | 20.25       | 60          | 39.75       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2682            | -46.38      | -13         | 33.38       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19996           | -30.51      | -13         | 17.51       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_3.75kHz\_1@0\_High

### 21.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

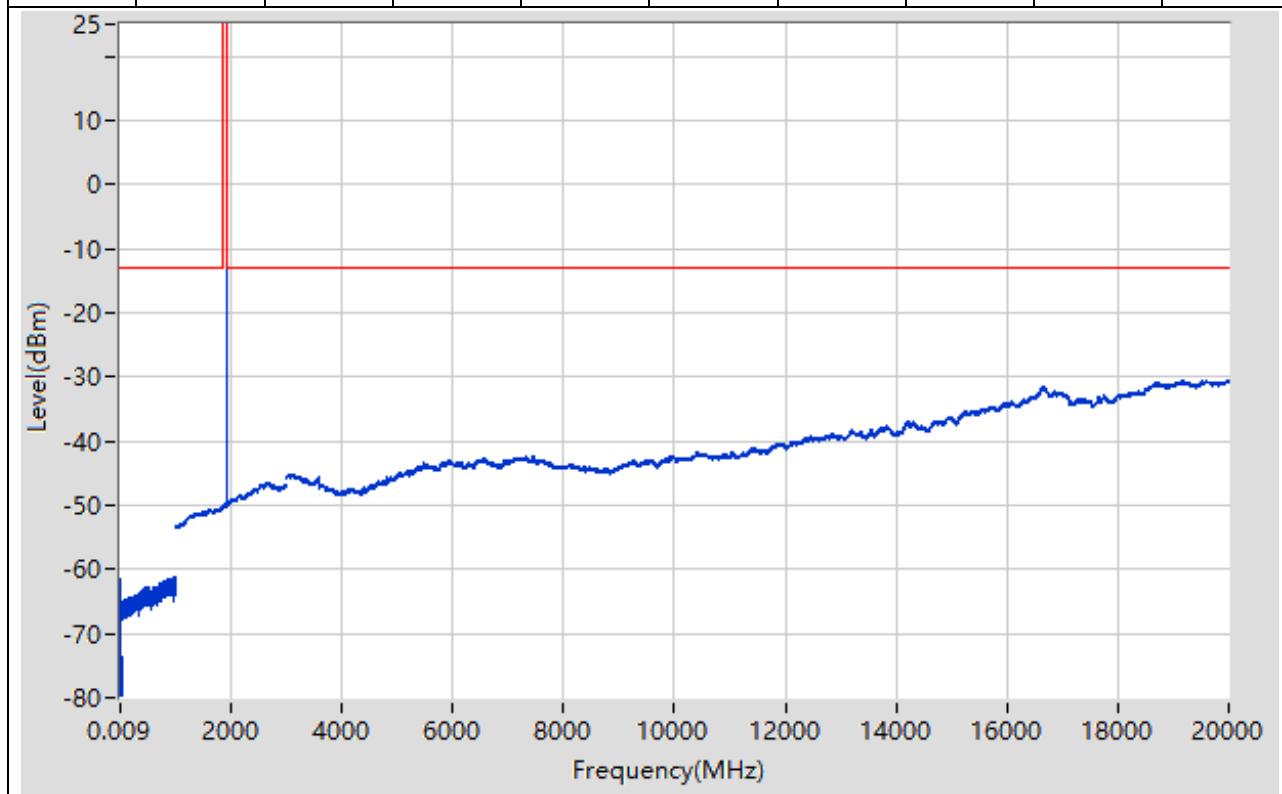
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.148           | -61.9       | -13         | 48.9        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -61.78      | -13         | 48.78       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 918.3           | -61.03      | -13         | 48.03       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1831            | -50.28      | -13         | 37.28       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1914.8          | 20.06       | 60          | 39.94       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2668            | -46.36      | -13         | 33.36       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19604           | -30.48      | -13         | 17.48       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_3.75kHz\_1@0\_High

### 21.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

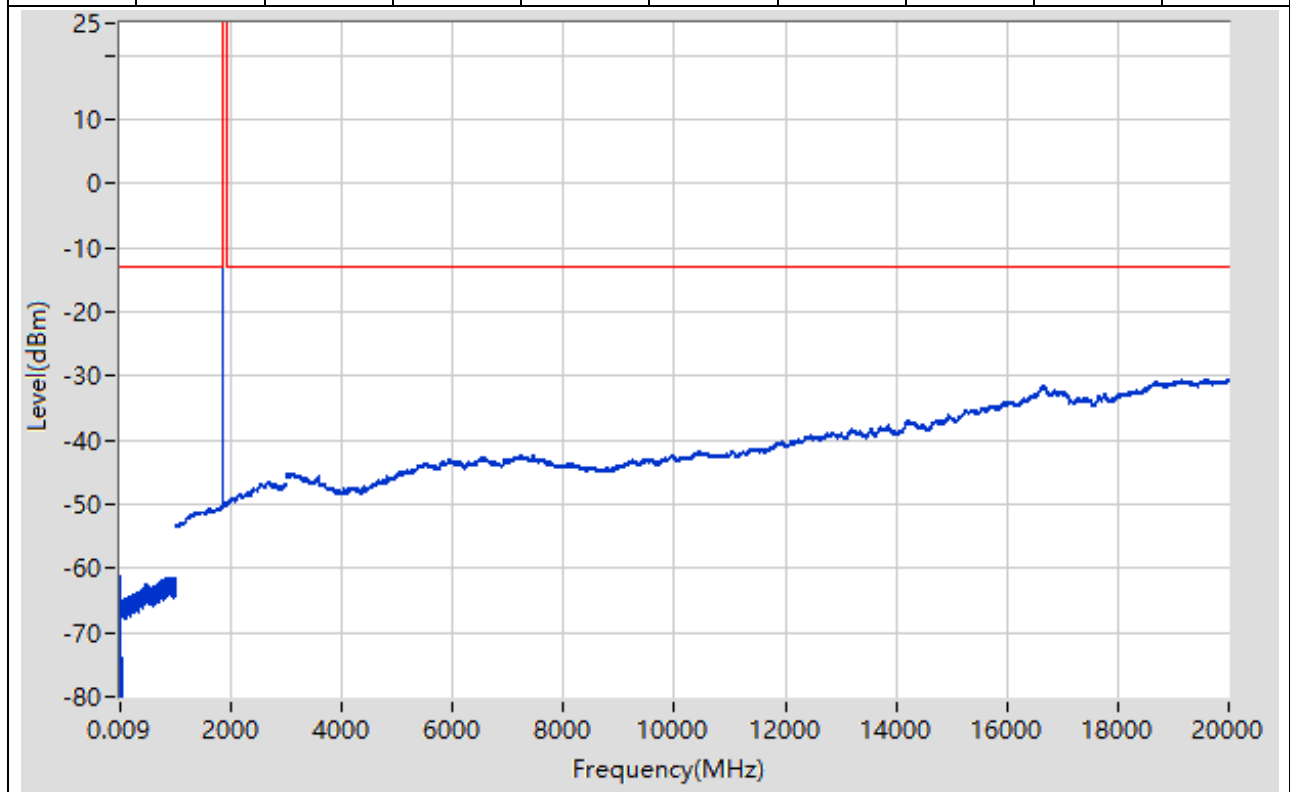
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.148           | -62.32      | -13         | 49.32       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -61.44      | -13         | 48.44       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 994.2           | -61.24      | -13         | 48.24       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1839            | -50.26      | -13         | 37.26       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1914.8          | 19.99       | 60          | 40.01       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2667            | -46.39      | -13         | 33.39       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19997           | -30.49      | -13         | 17.49       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_Low

### 21.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

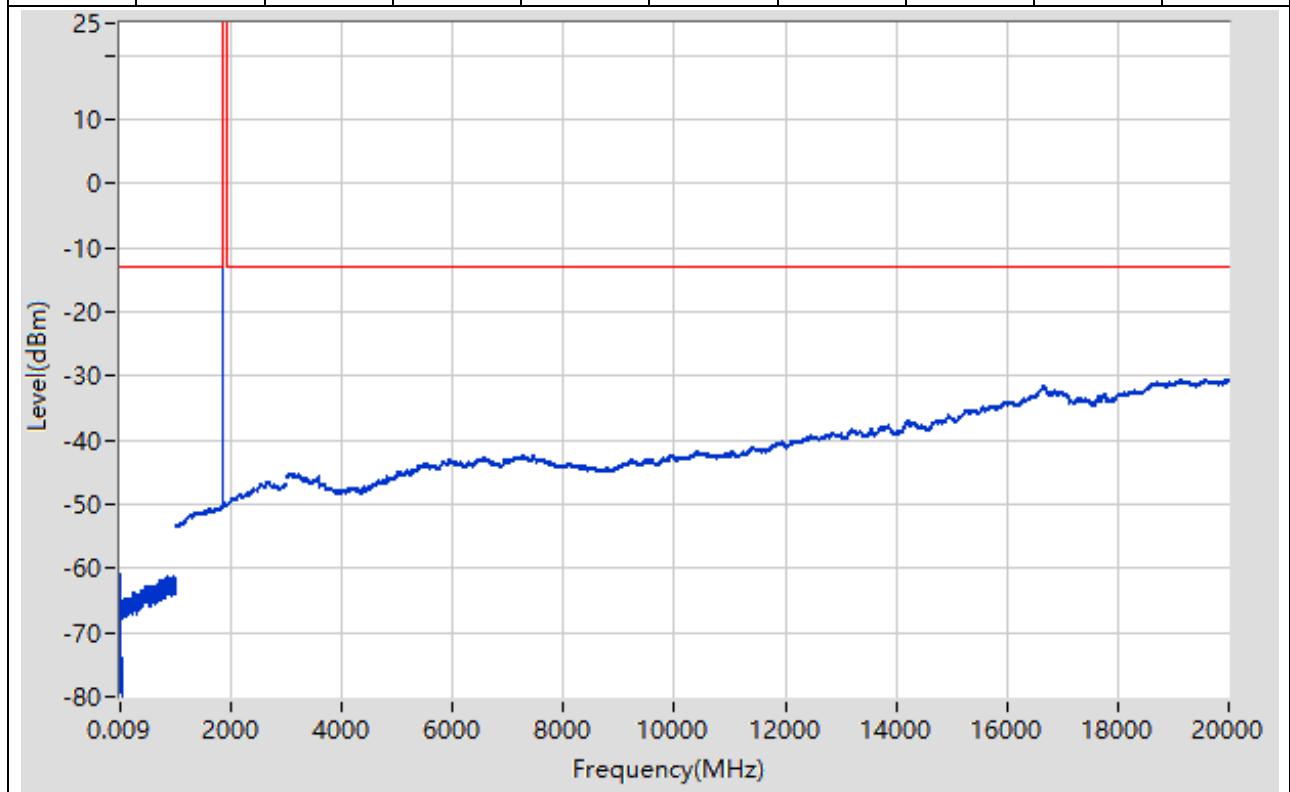
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.142           | -62.61      | -13         | 49.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -61.13      | -13         | 48.13       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 997.1           | -61.34      | -13         | 48.34       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1835            | -50.02      | -13         | 37.02       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.625        | 17.97       | 60          | 42.03       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2651            | -46.42      | -13         | 33.42       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19987           | -30.46      | -13         | 17.46       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_Low

### 21.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

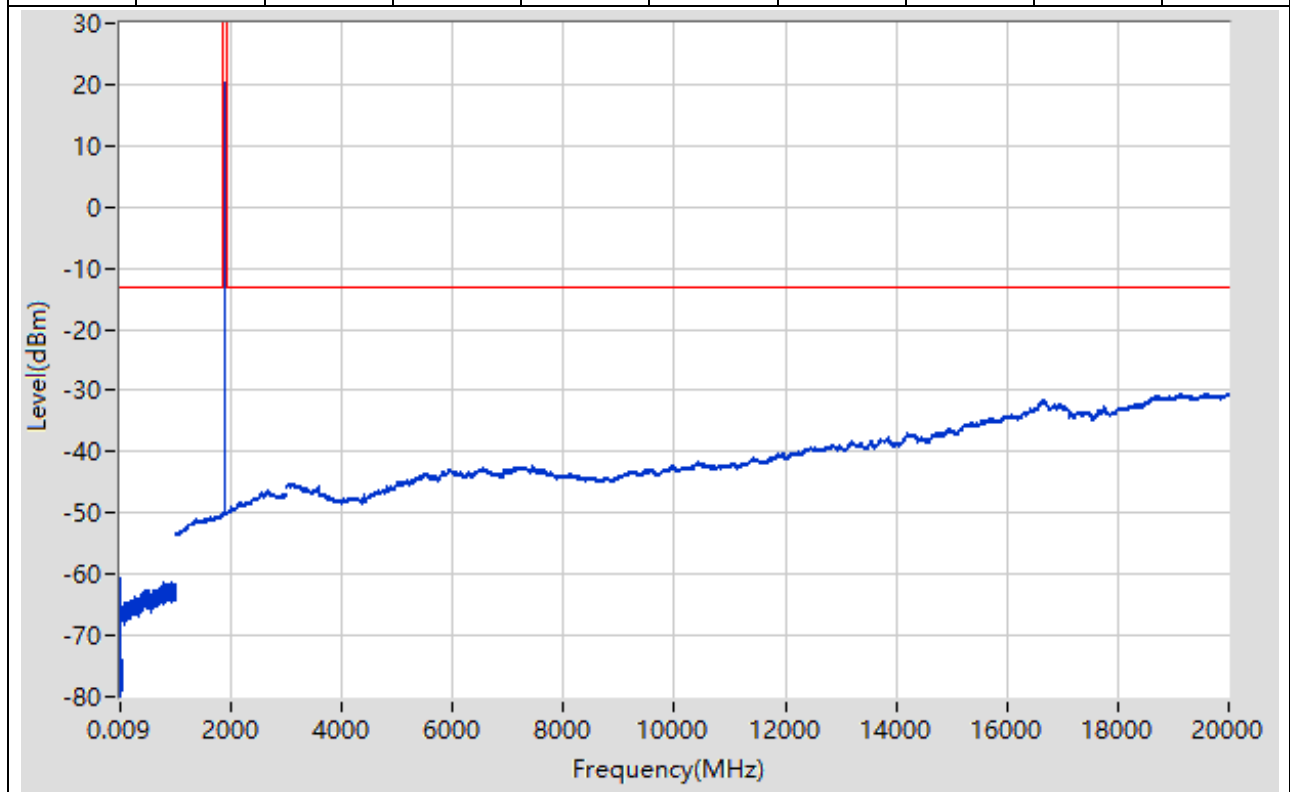
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.148           | -62.37      | -13         | 49.37       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.98      | -13         | 47.98       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 857.5           | -61.28      | -13         | 48.28       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1836            | -49.89      | -13         | 36.89       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1850.413        | 18.93       | 60          | 41.07       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2676            | -46.39      | -13         | 33.39       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19994           | -30.47      | -13         | 17.47       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_Mid

### 21.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.069           | -62.44      | -13         | 49.44       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.5       | -13         | 47.5        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 929.3           | -61.21      | -13         | 48.21       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1837            | -50.29      | -13         | 37.29       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.288        | 20.44       | 60          | 39.56       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2670            | -46.37      | -13         | 33.37       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19986           | -30.51      | -13         | 17.51       | Pass    | 17001       |

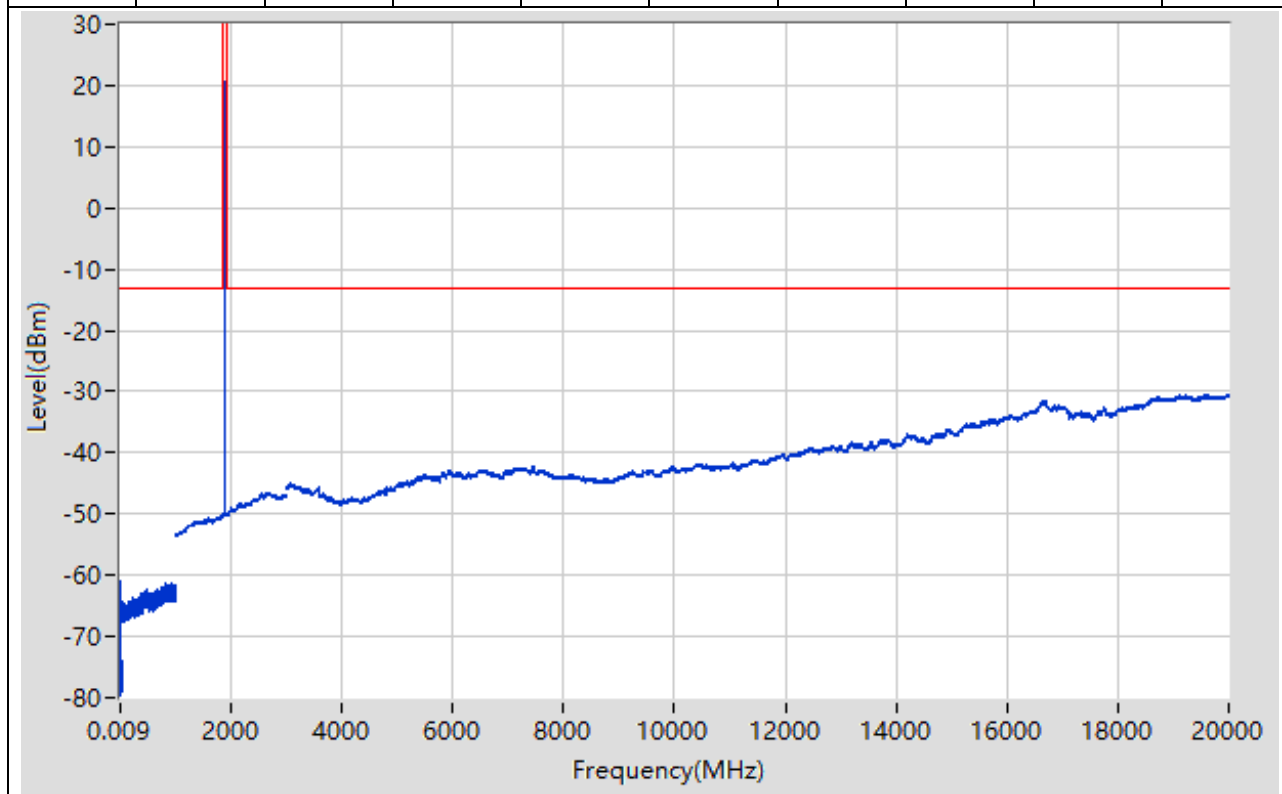




## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_Mid

### 21.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

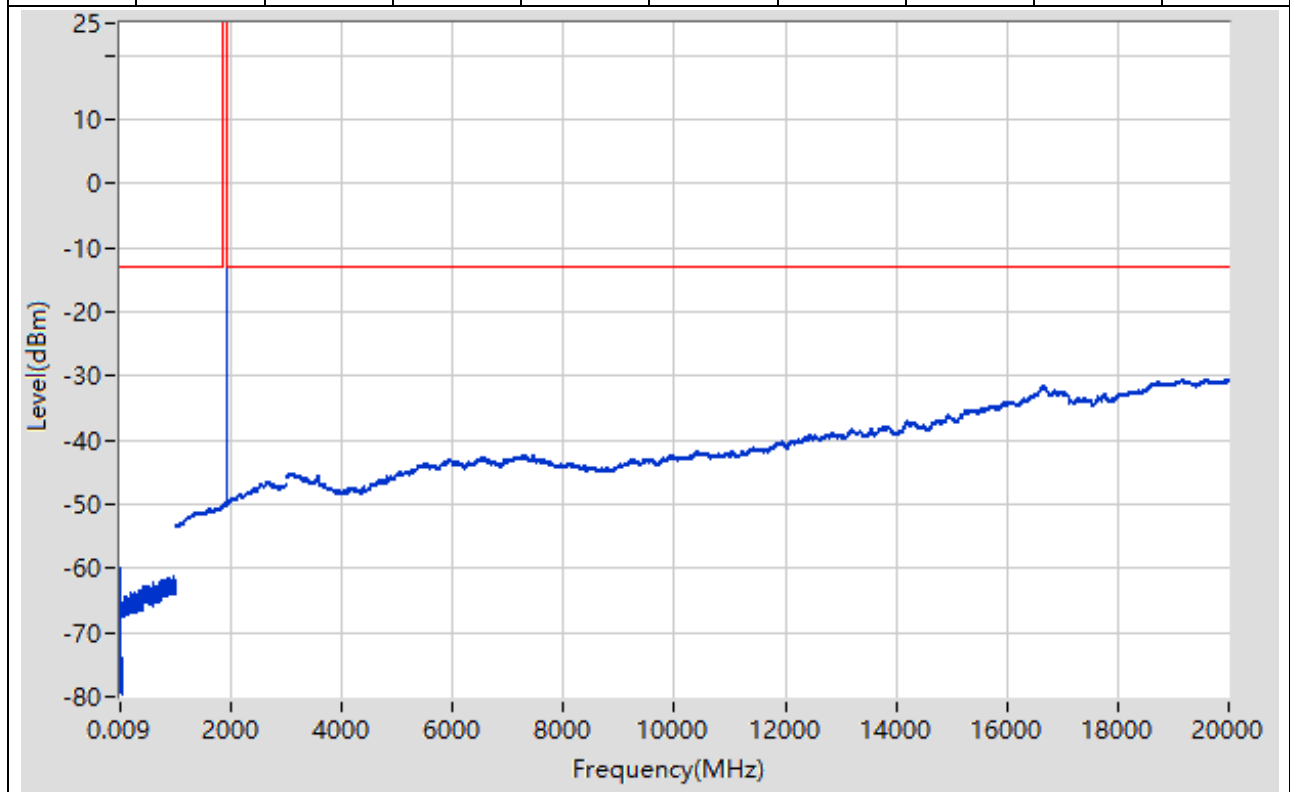
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.135           | -62.26      | -13         | 49.26       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.9       | -13         | 47.9        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925.1           | -61.28      | -13         | 48.28       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1836            | -50.25      | -13         | 37.25       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1882.5          | 20.67       | 60          | 39.33       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2669            | -46.46      | -13         | 33.46       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19999           | -30.42      | -13         | 17.42       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_QPSK\_15kHz\_1@0\_High

### 21.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

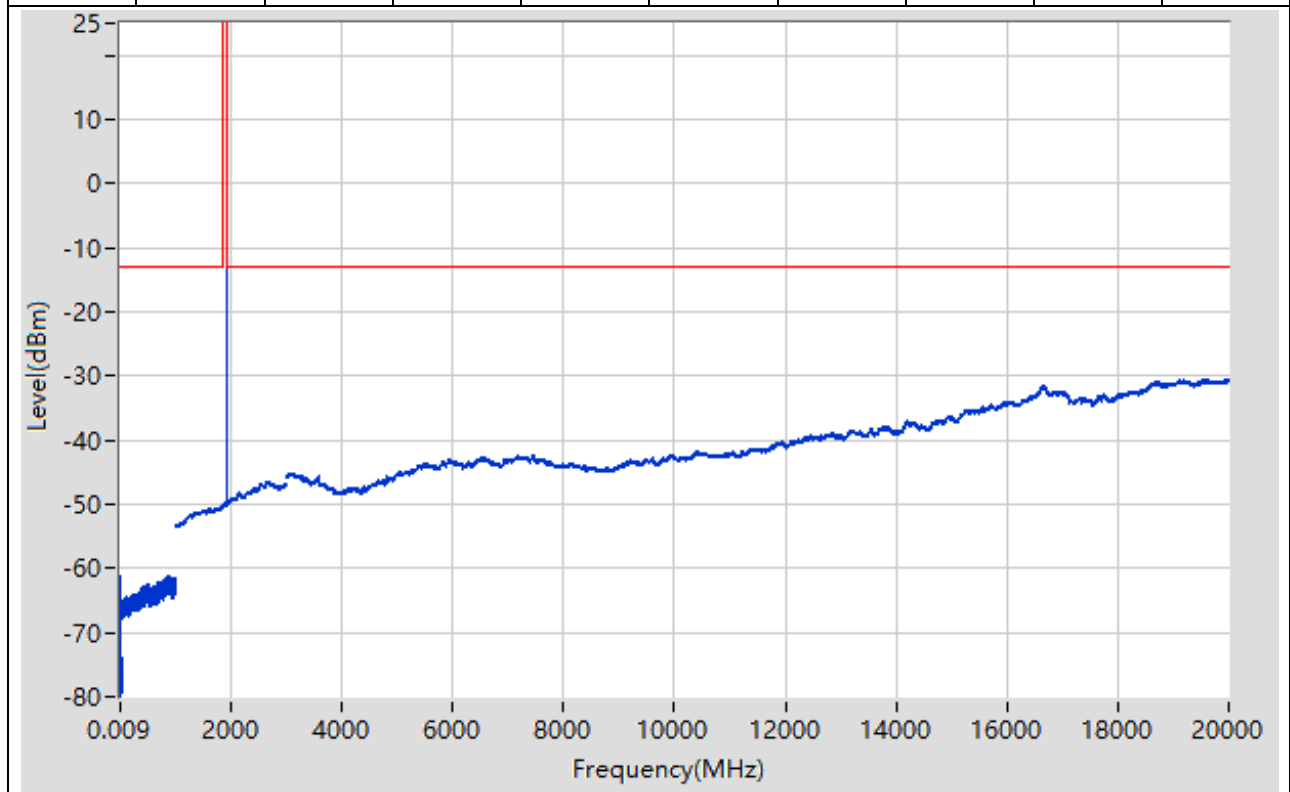
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.134           | -61.81      | -13         | 48.81       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.89      | -13         | 46.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 975             | -61.33      | -13         | 48.33       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1838            | -50.27      | -13         | 37.27       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1914.375        | 18.81       | 60          | 41.19       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2667            | -46.39      | -13         | 33.39       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19976           | -30.49      | -13         | 17.49       | Pass    | 17001       |



## 21. NB-IoT\_Band25\_BPSK\_15kHz\_1@0\_High

### 21.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

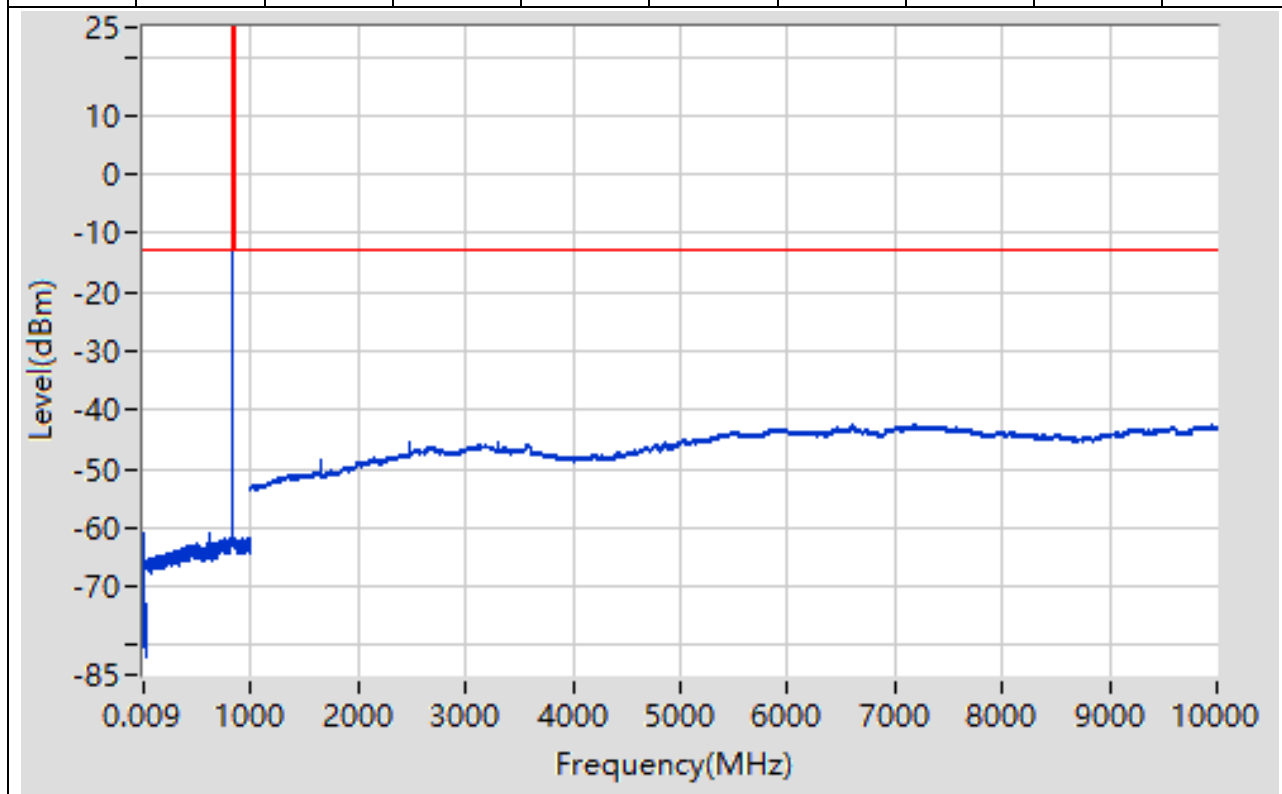
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.13            | -61.25      | -13         | 48.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -62.24      | -13         | 49.24       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 843.6           | -61.19      | -13         | 48.19       | Pass    | 9701        |
| 1000                  | 1840                 | 1         | RMS      | 1840            | -50.27      | -13         | 37.27       | Pass    | 841         |
| 1840                  | 1925                 | 1         | RMS      | 1915.225        | 17.43       | 60          | 42.57       | Pass    | 401         |
| 1925                  | 3000                 | 1         | RMS      | 2661            | -46.37      | -13         | 33.37       | Pass    | 1076        |
| 3000                  | 20000                | 1         | RMS      | 19997           | -30.46      | -13         | 17.46       | Pass    | 17001       |



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_Low

### 22.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

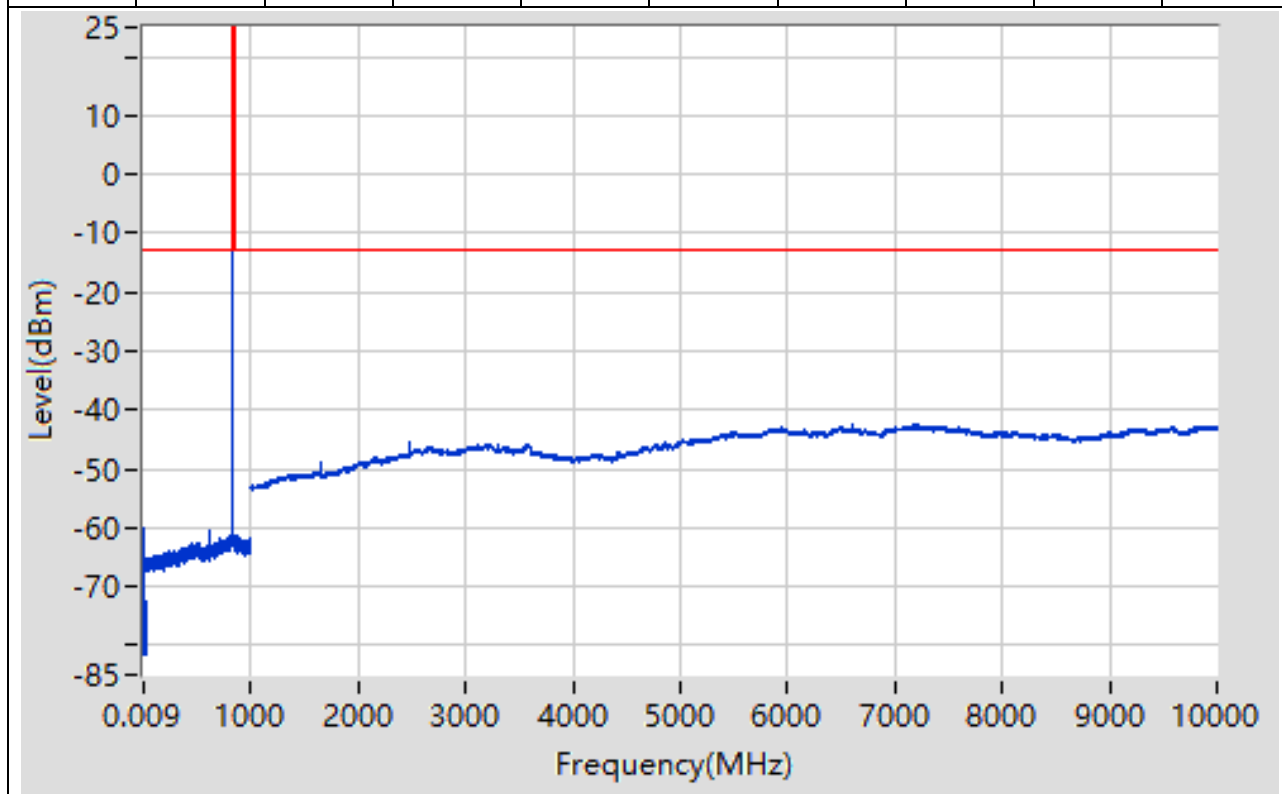
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.118           | -62.17      | -13         | 49.17       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -61.11      | -13         | 48.11       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 608.7           | -61.09      | -13         | 48.09       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.76       | 60          | 40.24       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 995.5           | -61.68      | -13         | 48.68       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -45.47      | -13         | 32.47       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6593            | -42.47      | -13         | 29.47       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_Low

### 22.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

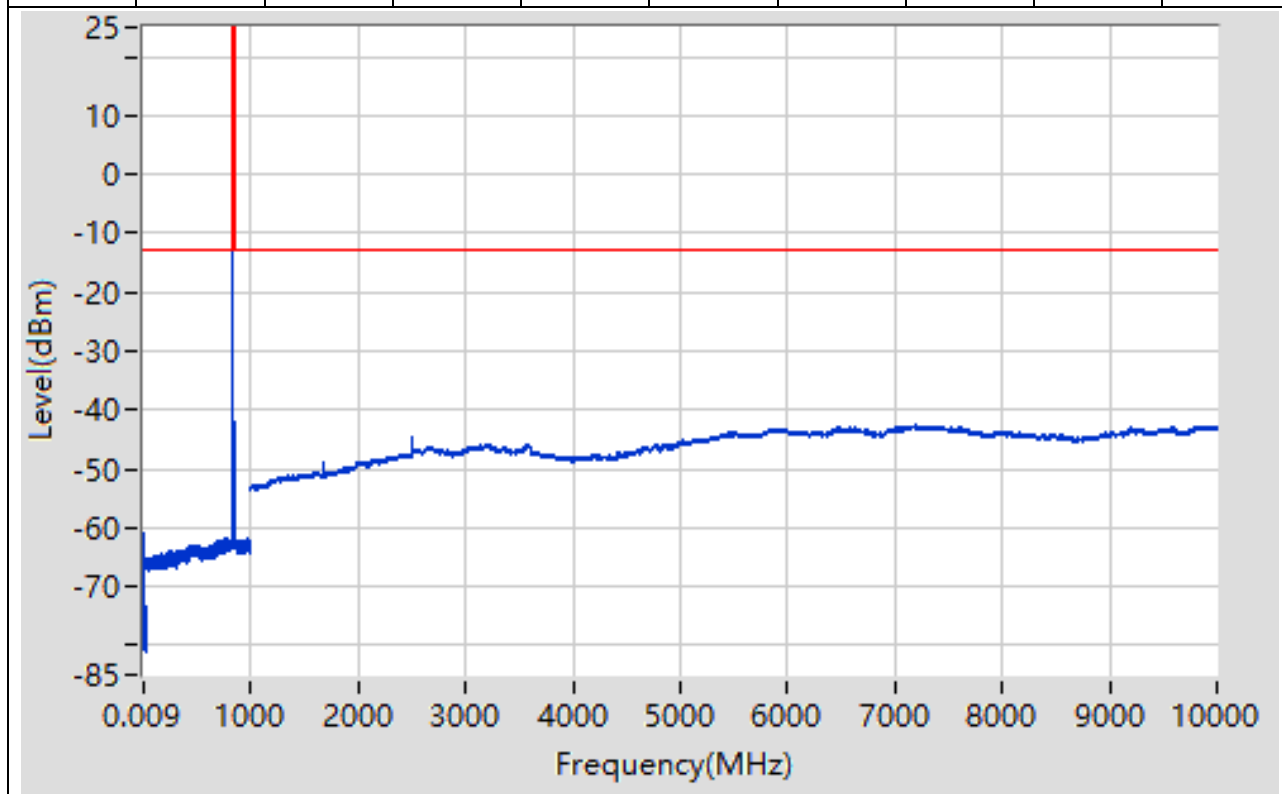
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.117           | -61.59      | -13         | 48.59       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.95      | -13         | 46.95       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 608.7           | -60.6       | -13         | 47.6        | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.65       | 60          | 40.35       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 879.7           | -61.54      | -13         | 48.54       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -45.51      | -13         | 32.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6593            | -42.55      | -13         | 29.55       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_Mid

### 22.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

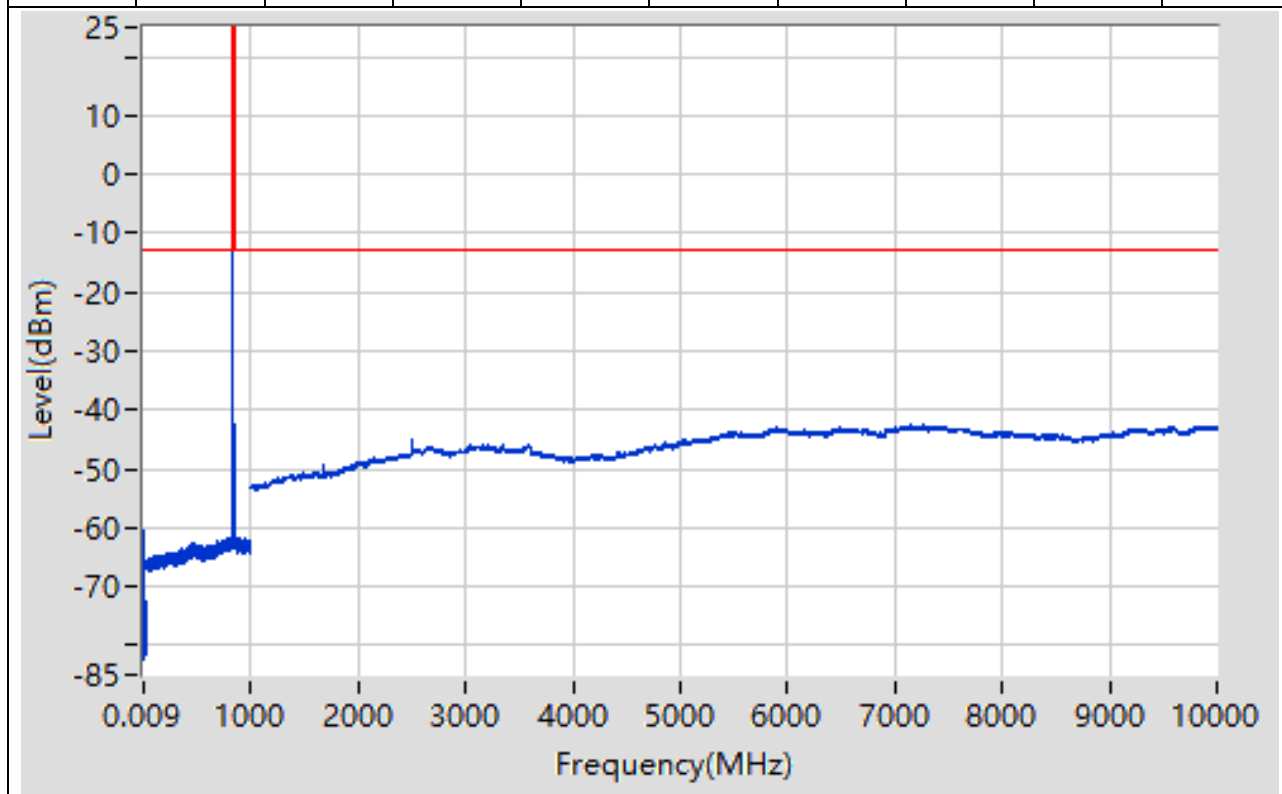
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.137           | -62.29      | -13         | 49.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -61.02      | -13         | 48.02       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 787.3           | -61.77      | -13         | 48.77       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.64       | 60          | 40.36       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 961.2           | -61.7       | -13         | 48.7        | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.76      | -13         | 31.76       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7188            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_Mid

### 22.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

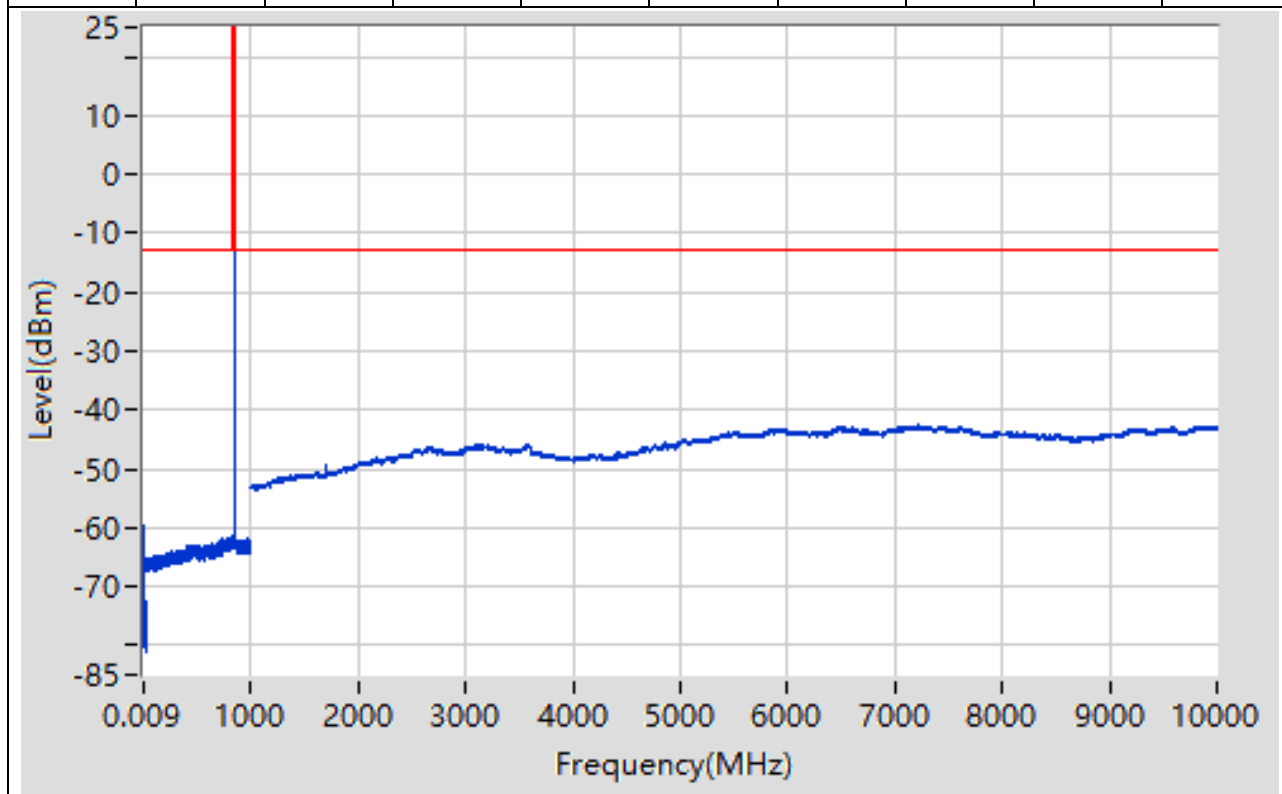
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.119           | -62.1       | -13         | 49.1        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.61      | -13         | 47.61       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 812.2           | -61.82      | -13         | 48.82       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.49       | 60          | 40.51       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 860.8           | -61.81      | -13         | 48.81       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.86      | -13         | 31.86       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7142            | -42.64      | -13         | 29.64       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_3.75kHz\_1@0\_High

### 22.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.108           | -63.35      | -13         | 50.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.49      | -13         | 46.49       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 801.9           | -61.93      | -13         | 48.93       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.9        | 60          | 40.1        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 859             | -61.04      | -13         | 48.04       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2663            | -46.27      | -13         | 33.27       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7208            | -42.59      | -13         | 29.59       | Pass    | 7001        |

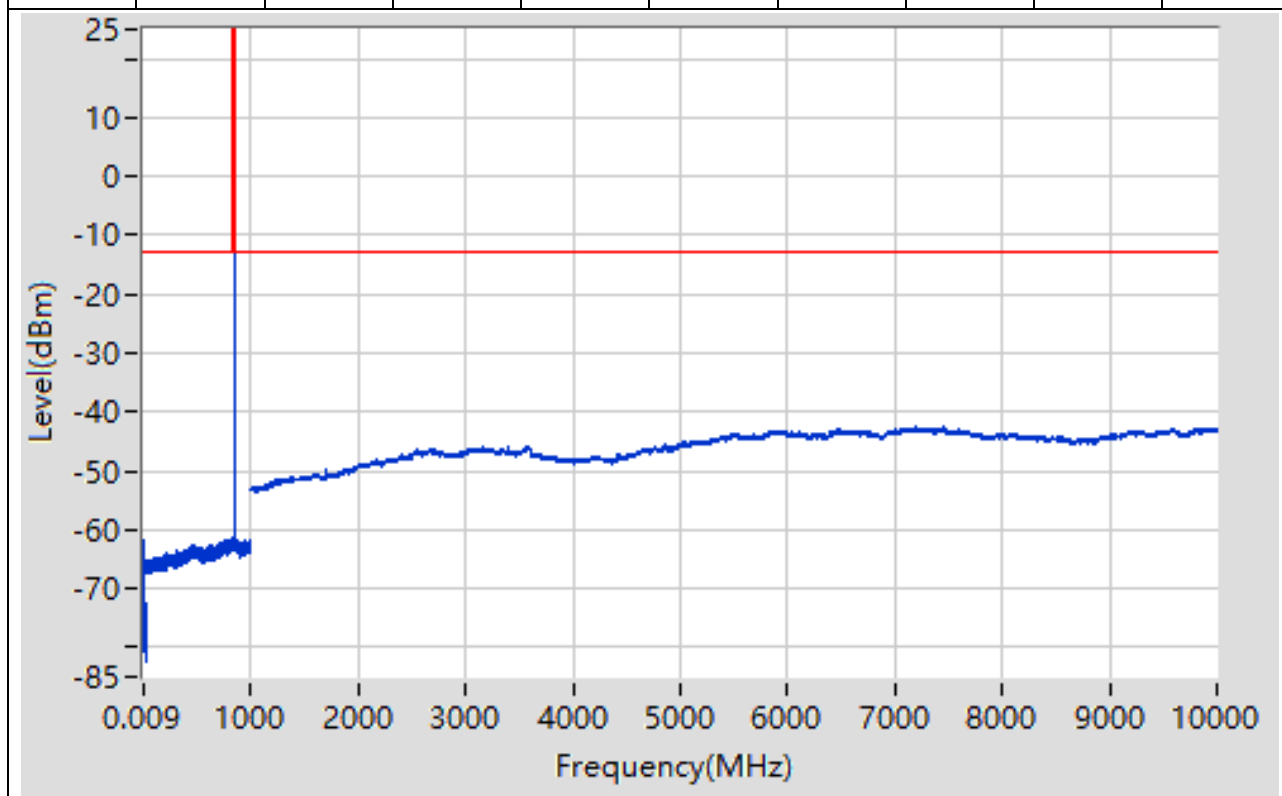




## 22. NB-IoT\_Band26(part22)\_BPSK\_3.75kHz\_1@0\_High

### 22.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

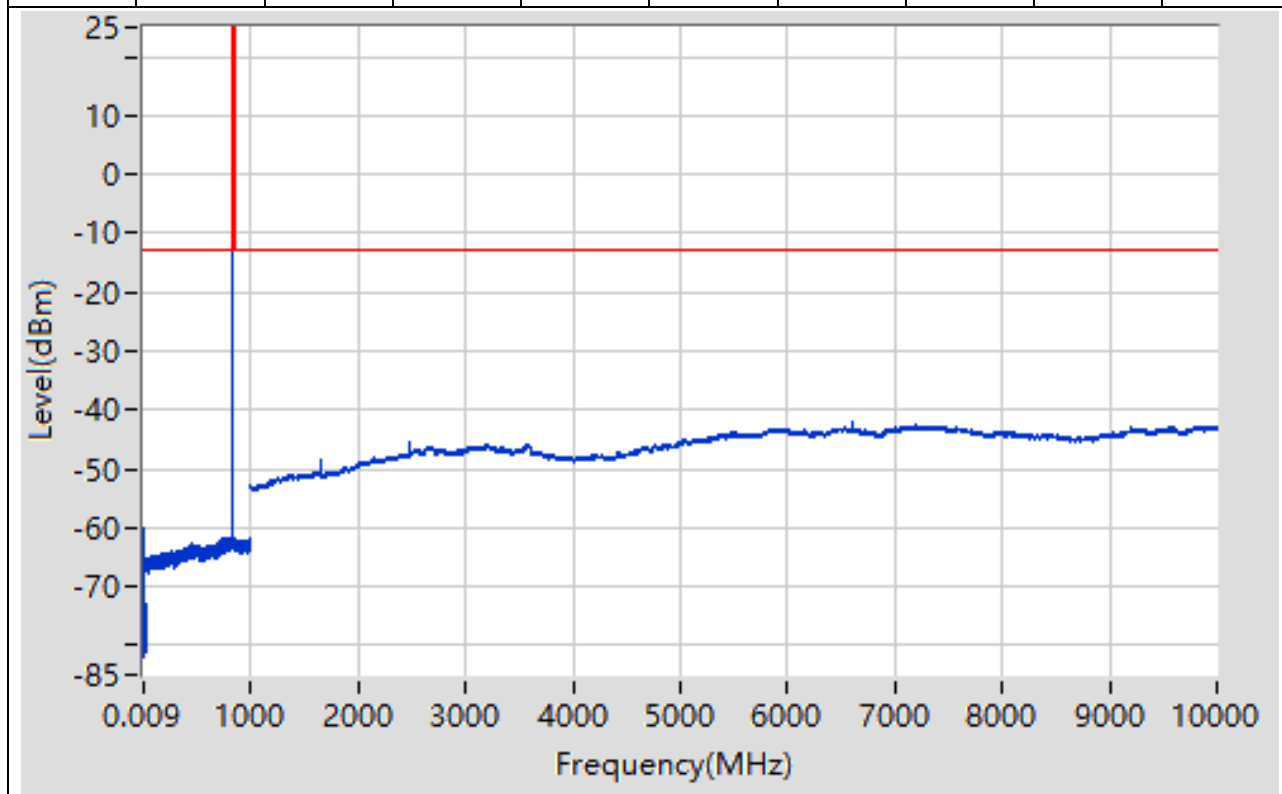
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.072           | -62.48      | -13         | 49.48       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -61.72      | -13         | 48.72       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 785.8           | -61.66      | -13         | 48.66       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.72       | 60          | 40.28       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 859             | -61.02      | -13         | 48.02       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2657            | -46.3       | -13         | 33.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7442            | -42.64      | -13         | 29.64       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_Low

### 22.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

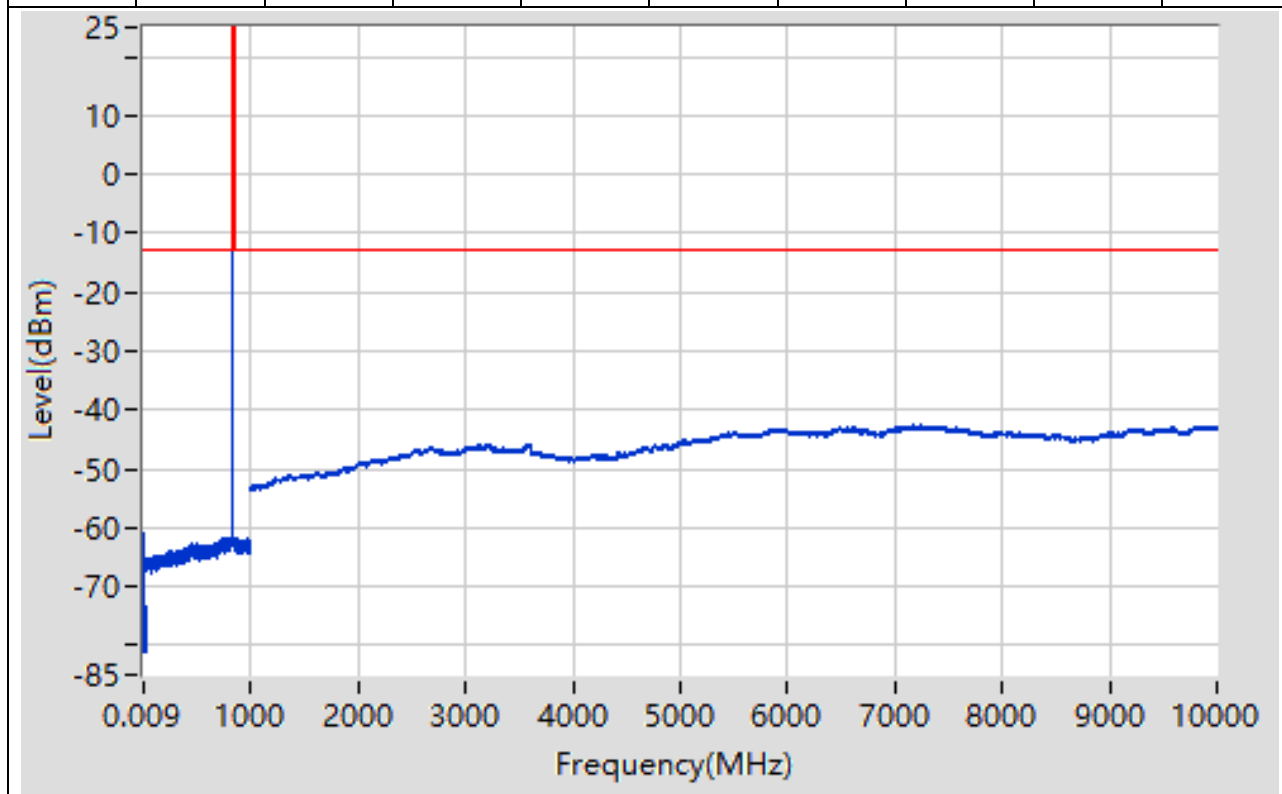
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.107           | -62.29      | -13         | 49.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.05      | -13         | 47.05       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 811.6           | -61.89      | -13         | 48.89       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.92       | 60          | 40.08       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 981.5           | -61.93      | -13         | 48.93       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2472            | -45.28      | -13         | 32.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6593            | -42.18      | -13         | 29.18       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_Low

### 22.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

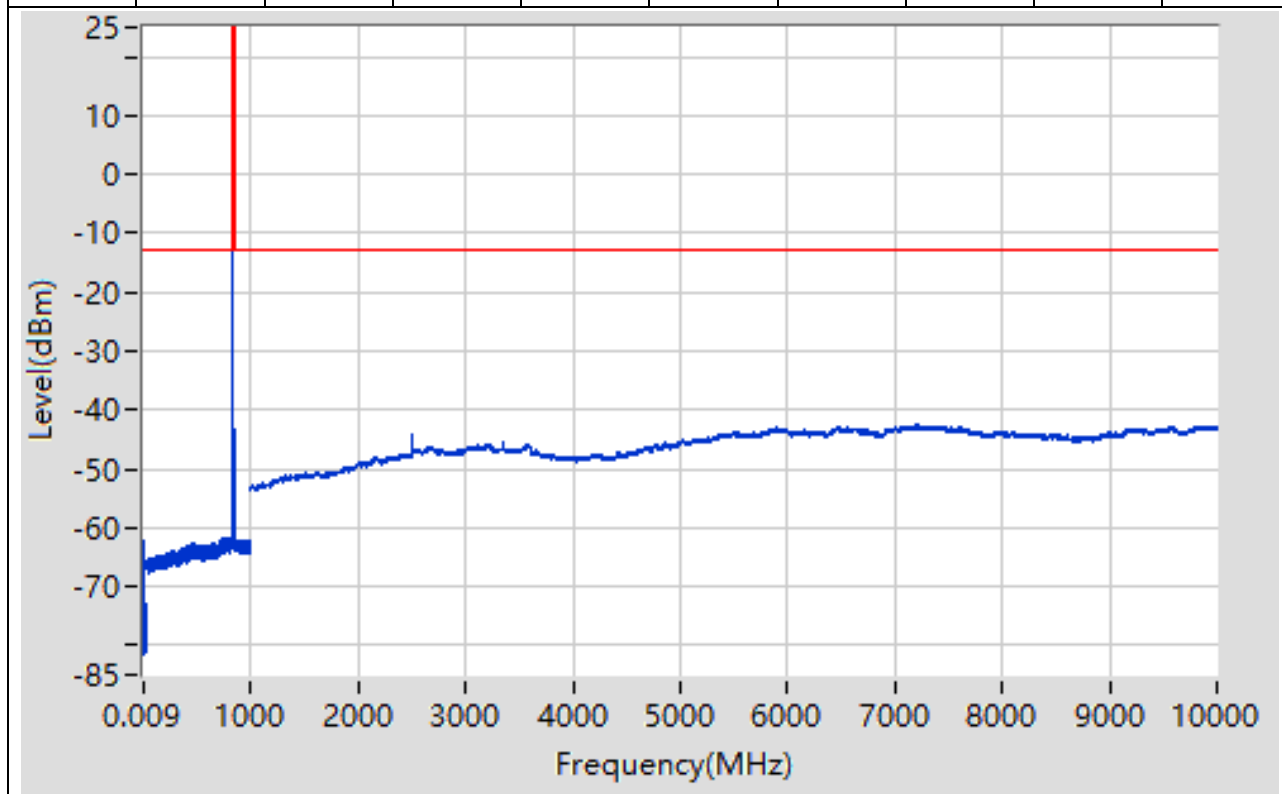
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.124           | -61.88      | -13         | 48.88       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.2             | -60.99      | -13         | 47.99       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 743.6           | -61.71      | -13         | 48.71       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 824.1           | 19.7        | 60          | 40.3        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 871.1           | -61.7       | -13         | 48.7        | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2662            | -46.29      | -13         | 33.29       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7178            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_Mid

### 22.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

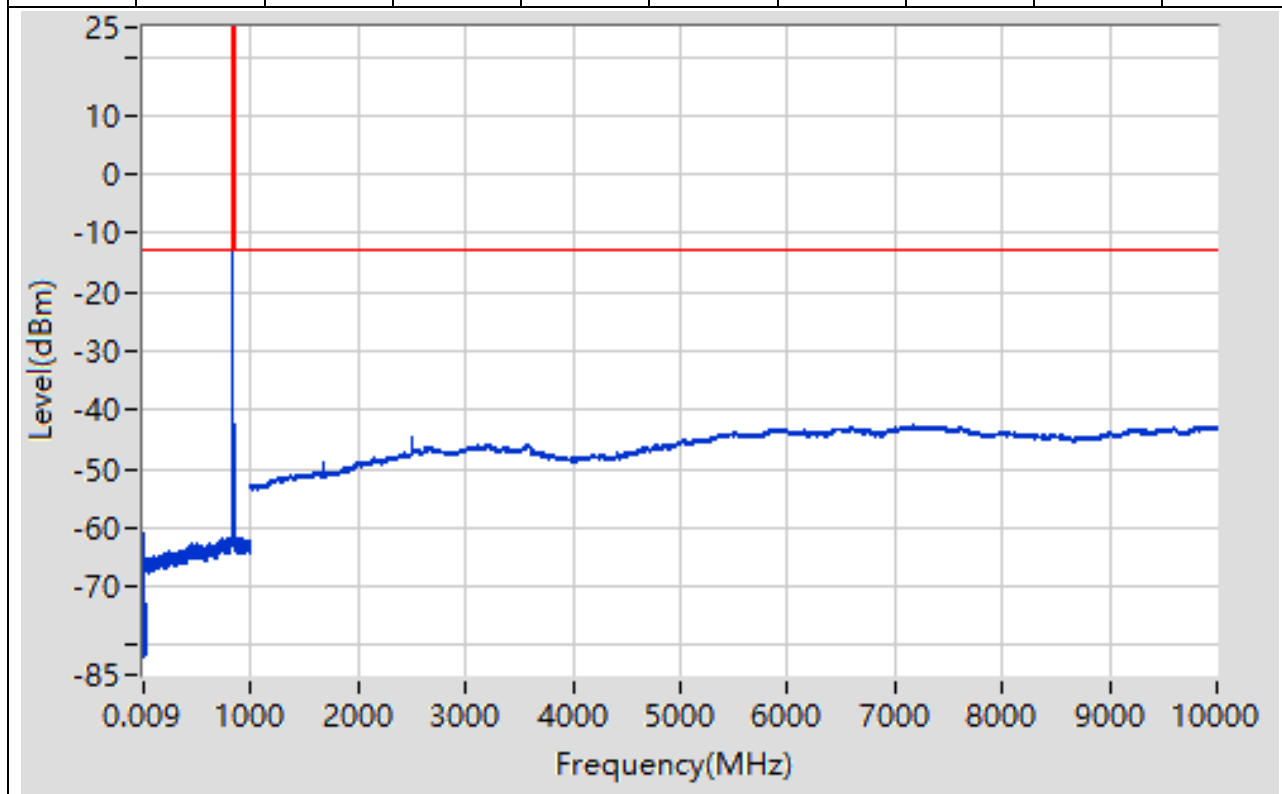
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.123           | -62.13      | -13         | 49.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -62.22      | -13         | 49.22       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 802             | -61.84      | -13         | 48.84       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 18.64       | 60          | 41.36       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 877.2           | -62.02      | -13         | 49.02       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.36      | -13         | 31.36       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7209            | -42.59      | -13         | 29.59       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_Mid

### 22.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

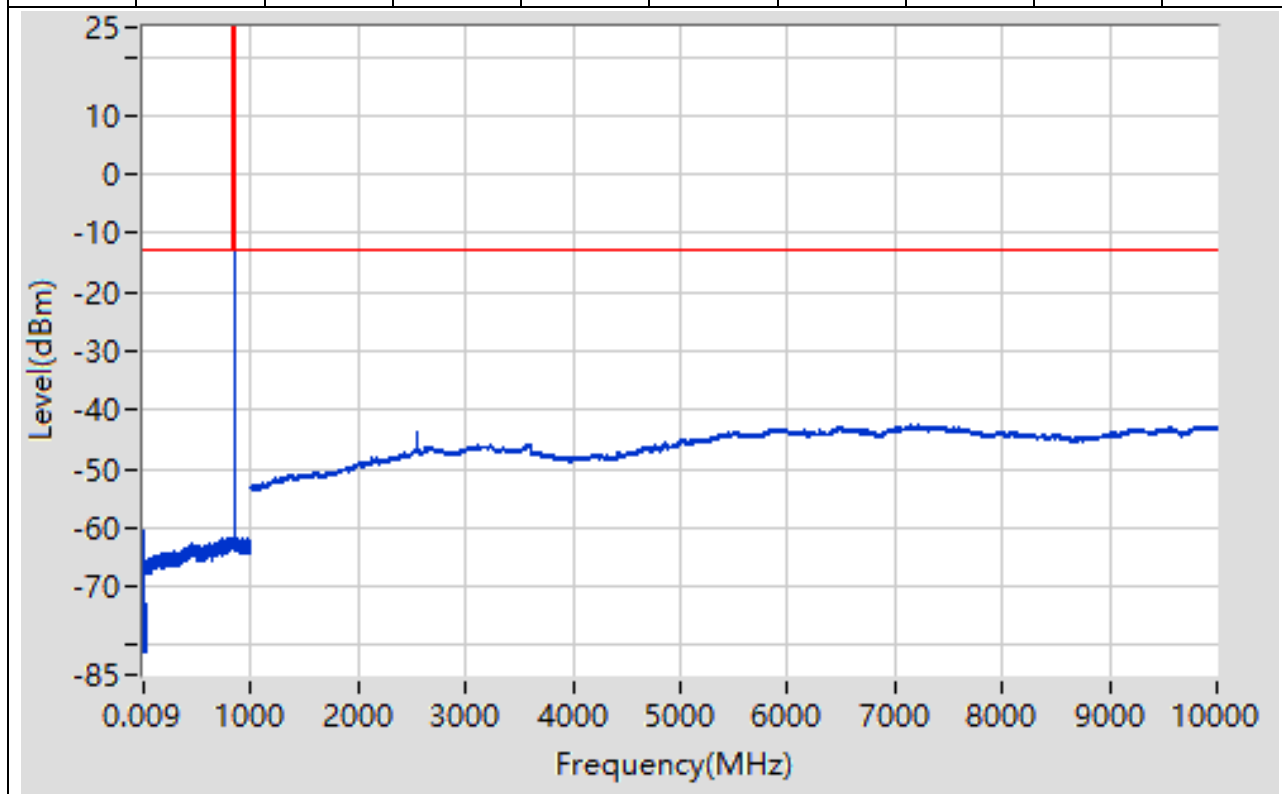
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.122           | -61.03      | -13         | 48.03       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -61.06      | -13         | 48.06       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 801.5           | -61.83      | -13         | 48.83       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 836.4           | 19.83       | 60          | 40.17       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 865.2           | -61.84      | -13         | 48.84       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2509            | -44.41      | -13         | 31.41       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7180            | -42.6       | -13         | 29.6        | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_QPSK\_15kHz\_1@0\_High

### 22.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

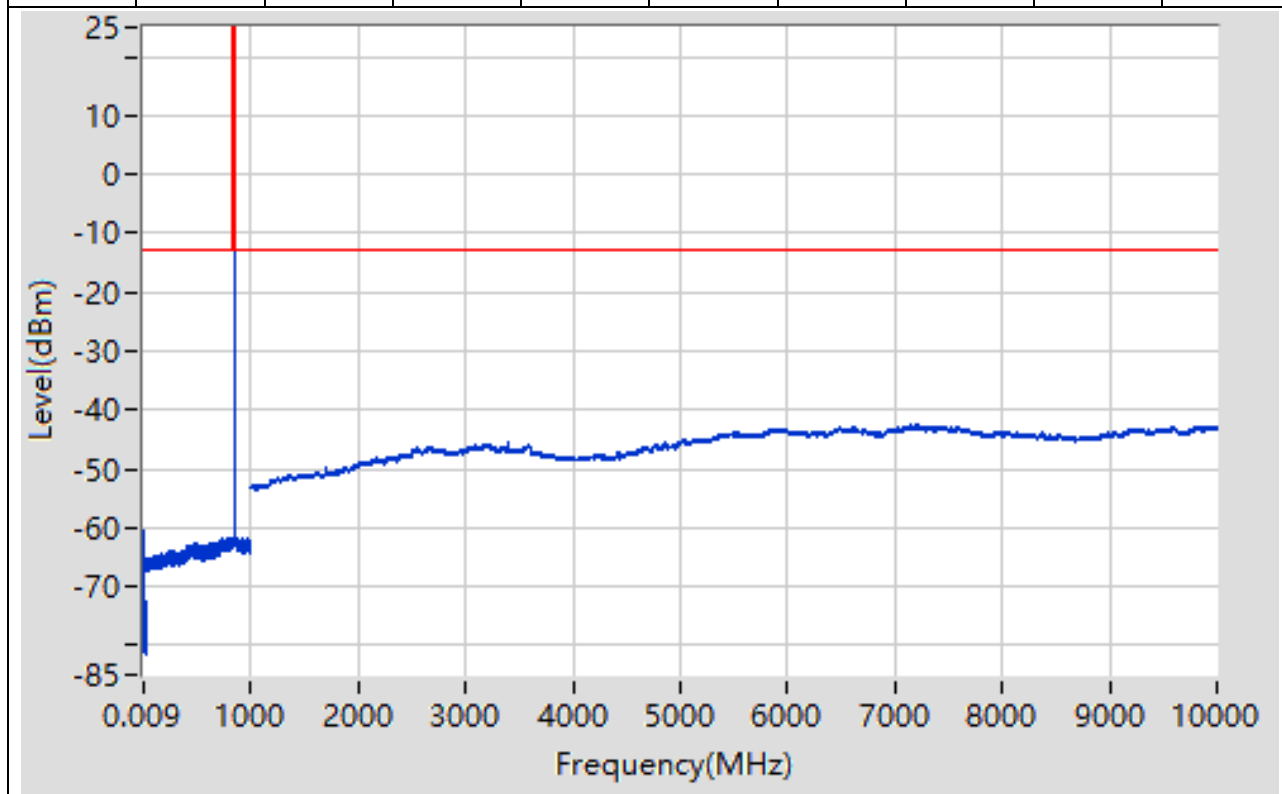
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.142           | -62.3       | -13         | 49.3        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.69      | -13         | 47.69       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 773.4           | -61.79      | -13         | 48.79       | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.95       | 60          | 40.05       | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 860.3           | -61.83      | -13         | 48.83       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2546            | -43.84      | -13         | 30.84       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7156            | -42.63      | -13         | 29.63       | Pass    | 7001        |



## 22. NB-IoT\_Band26(part22)\_BPSK\_15kHz\_1@0\_High

### 22.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

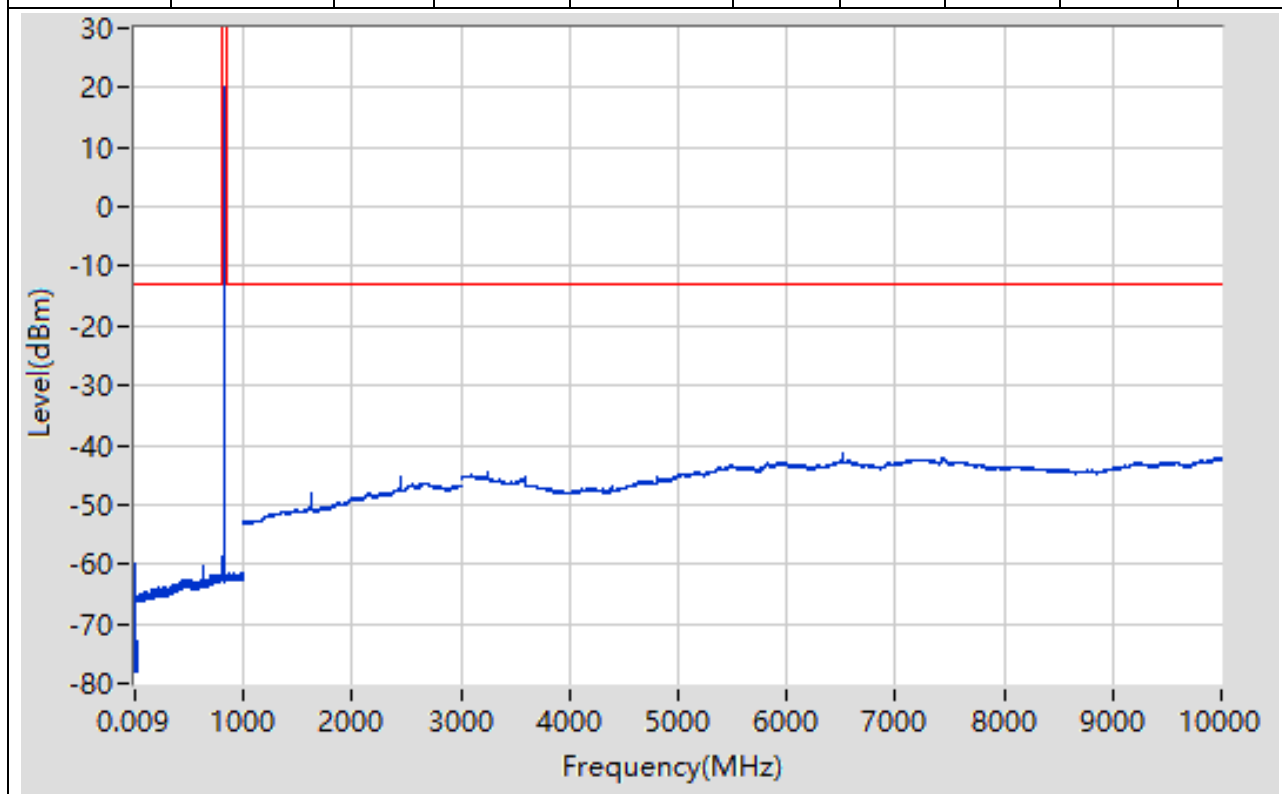
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.123           | -62.98      | -13         | 49.98       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.65      | -13         | 47.65       | Pass    | 2986        |
| 30                    | 814                  | 0.1       | RMS      | 807.4           | -61.8       | -13         | 48.8        | Pass    | 7841        |
| 814                   | 859                  | 0.1       | RMS      | 848.7           | 19.9        | 60          | 40.1        | Pass    | 451         |
| 859                   | 1000                 | 0.1       | RMS      | 859             | -61.07      | -13         | 48.07       | Pass    | 1411        |
| 1000                  | 3000                 | 1         | RMS      | 2649            | -46.3       | -13         | 33.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 7199            | -42.56      | -13         | 29.56       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_Low

### 23.1. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.076           | -63.61      | -13         | 50.61       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.85      | -13         | 46.85       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -60.12      | -13         | 47.12       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 20.12       | 60          | 39.88       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 871.9           | -61.49      | -13         | 48.49       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.3       | -13         | 32.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -41.27      | -13         | 28.27       | Pass    | 7001        |

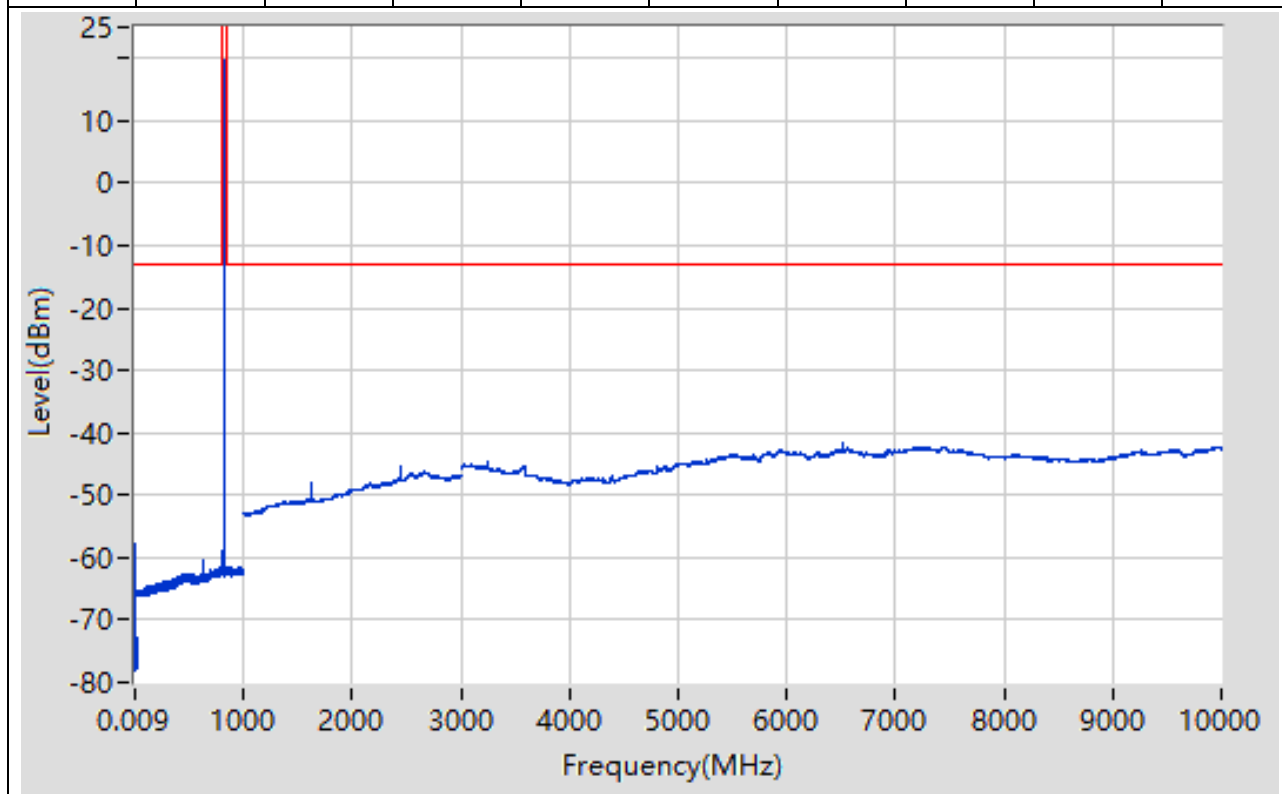




## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_Low

### 23.2. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

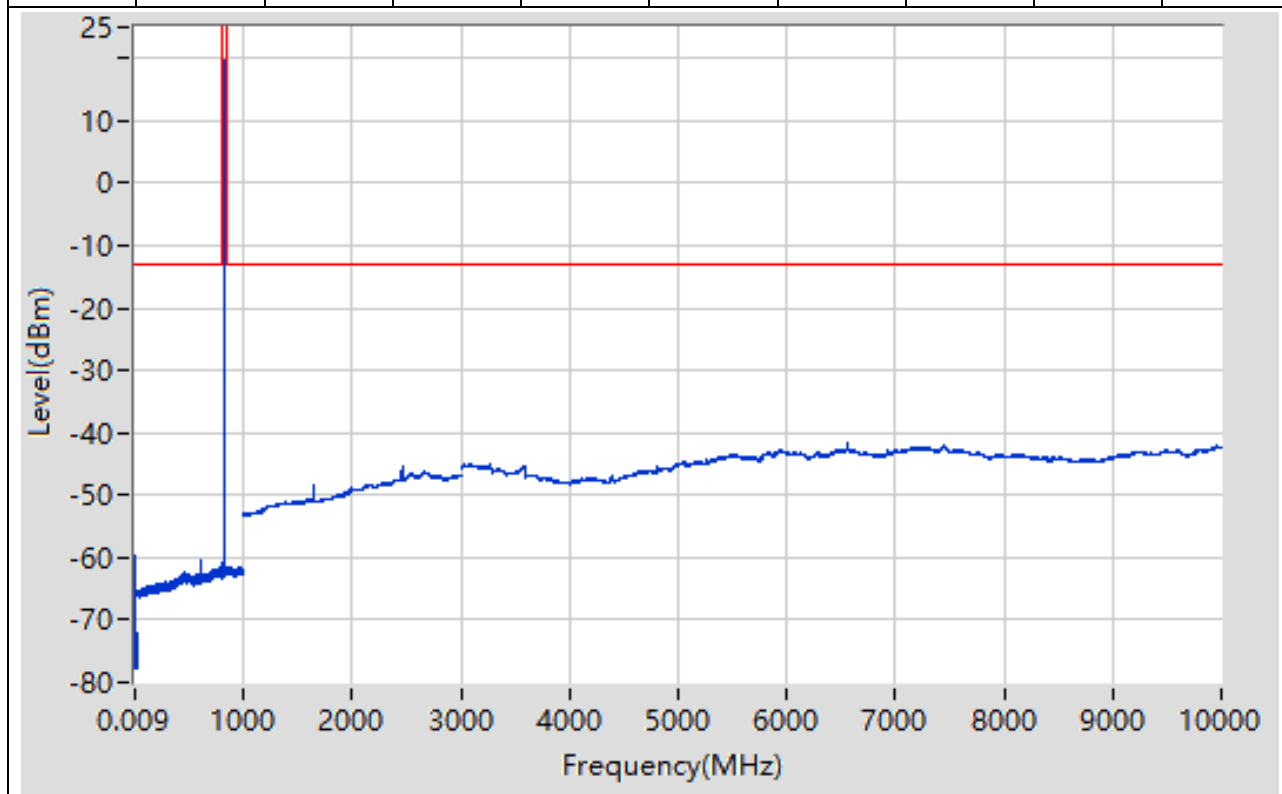
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.111           | -63.67      | -13         | 50.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.98      | -13         | 44.98       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -60.44      | -13         | 47.44       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 19.77       | 60          | 40.23       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 962.4           | -61.48      | -13         | 48.48       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.51      | -13         | 32.51       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -41.6       | -13         | 28.6        | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_Mid

### 23.3. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

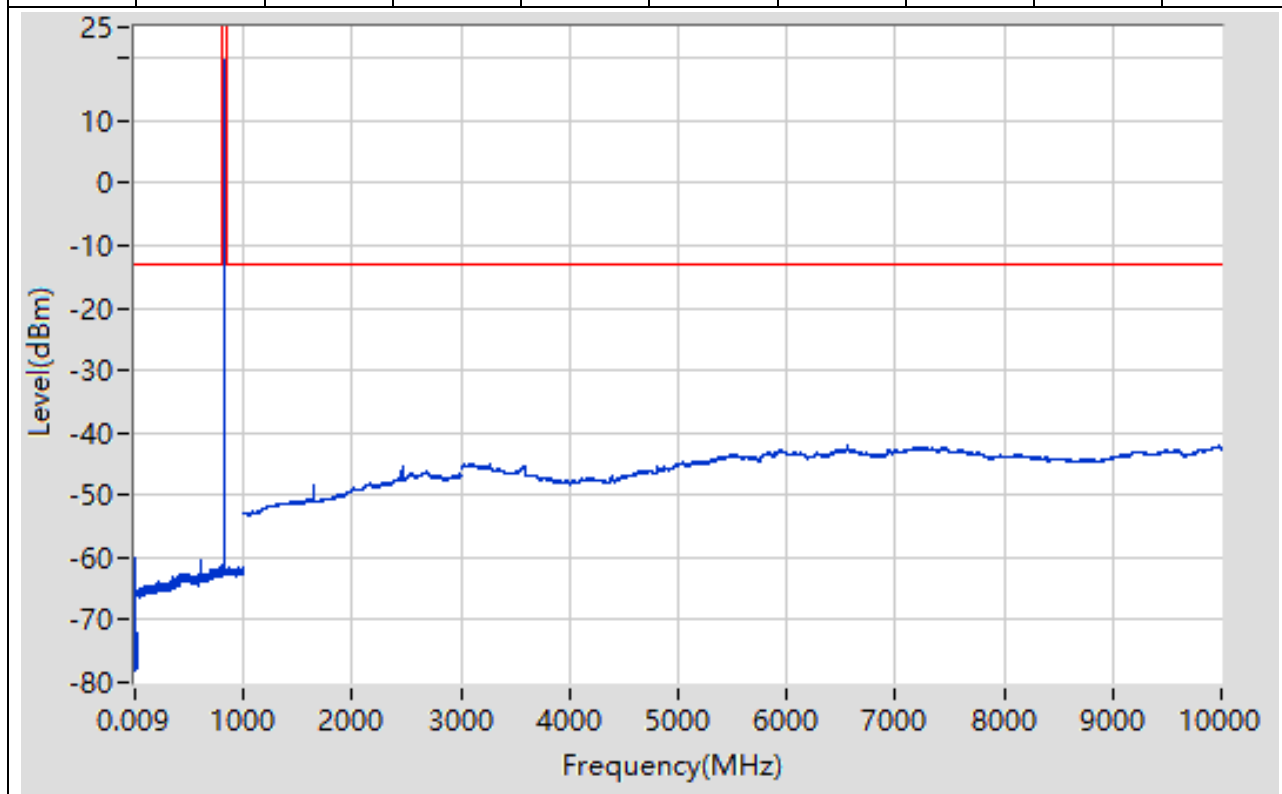
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.143           | -63.2       | -13         | 50.2        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.82      | -13         | 46.82       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.31      | -13         | 47.31       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 19.69       | 60          | 40.31       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 890.6           | -61.47      | -13         | 48.47       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.39      | -13         | 32.39       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.58      | -13         | 28.58       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_Mid

### 23.4. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

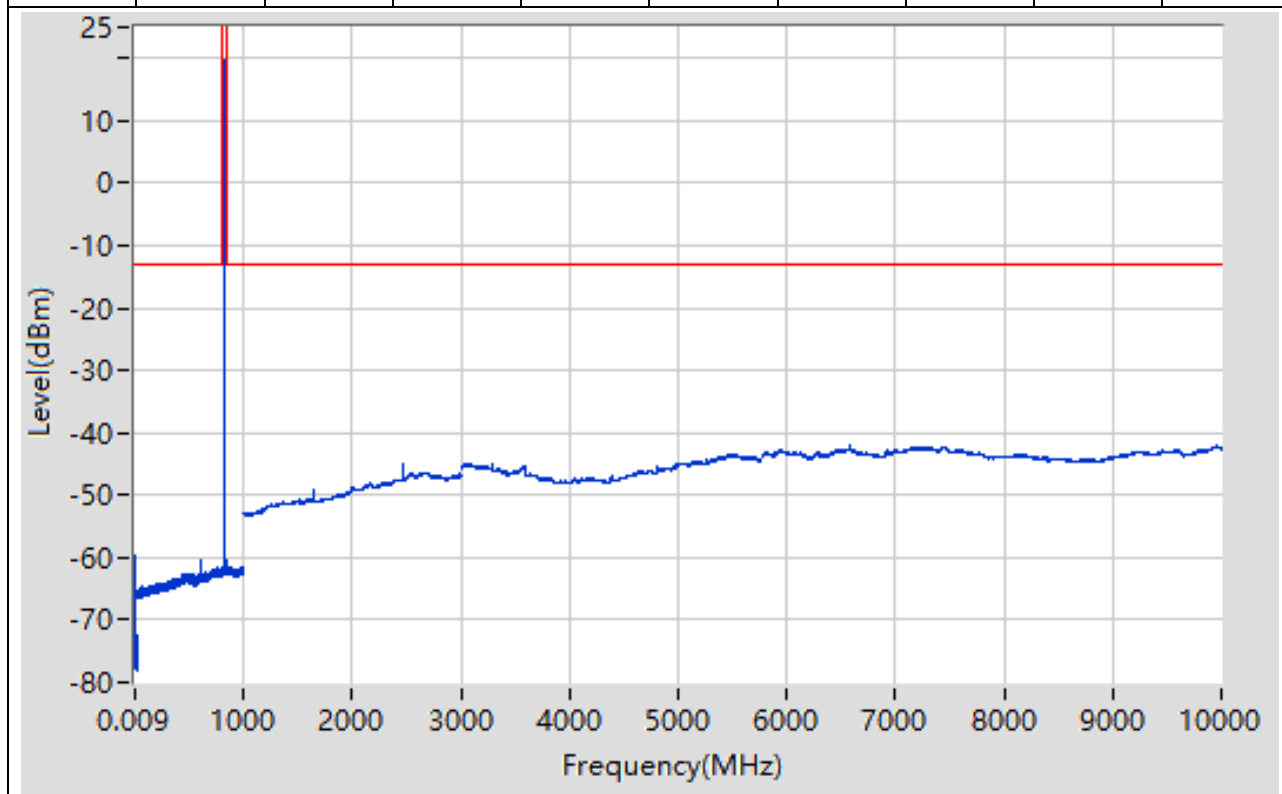
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.037           | -63.06      | -13         | 50.06       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.05      | -13         | 47.05       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.35      | -13         | 47.35       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 19.57       | 60          | 40.43       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 857.5           | -61.61      | -13         | 48.61       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.49      | -13         | 32.49       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.8       | -13         | 28.8        | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_3.75kHz\_1@0\_High

### 23.5. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

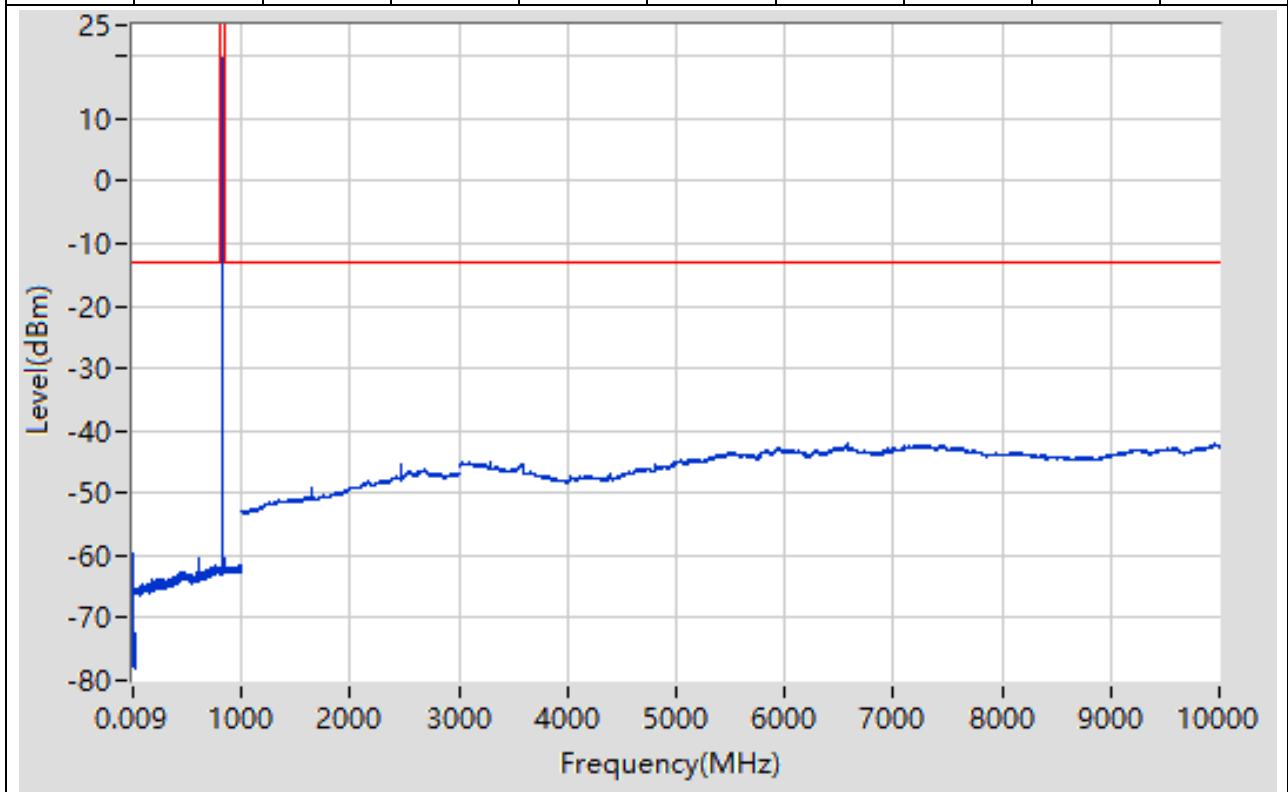
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.014           | -64.39      | -13         | 51.39       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.82      | -13         | 46.82       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -60.59      | -13         | 47.59       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 19.77       | 60          | 40.23       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.36      | -13         | 47.36       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.17      | -13         | 32.17       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6590            | -42         | -13         | 29          | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_3.75kHz\_1@0\_High

### 23.6. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

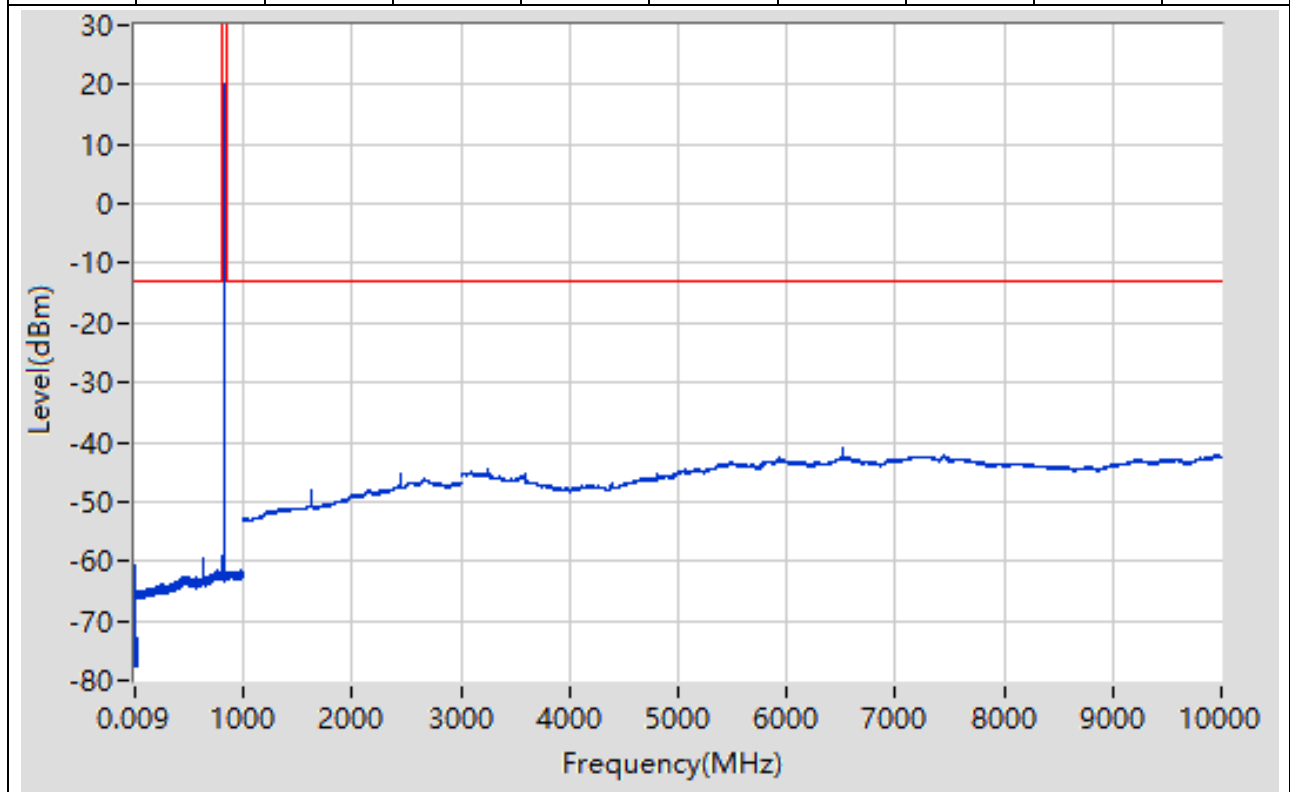
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.102           | -63.35      | -13         | 50.35       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.58      | -13         | 46.58       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -60.58      | -13         | 47.58       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 19.61       | 60          | 40.39       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.85      | -13         | 47.85       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.3       | -13         | 32.3        | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9962            | -42.12      | -13         | 29.12       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_Low

### 23.7. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

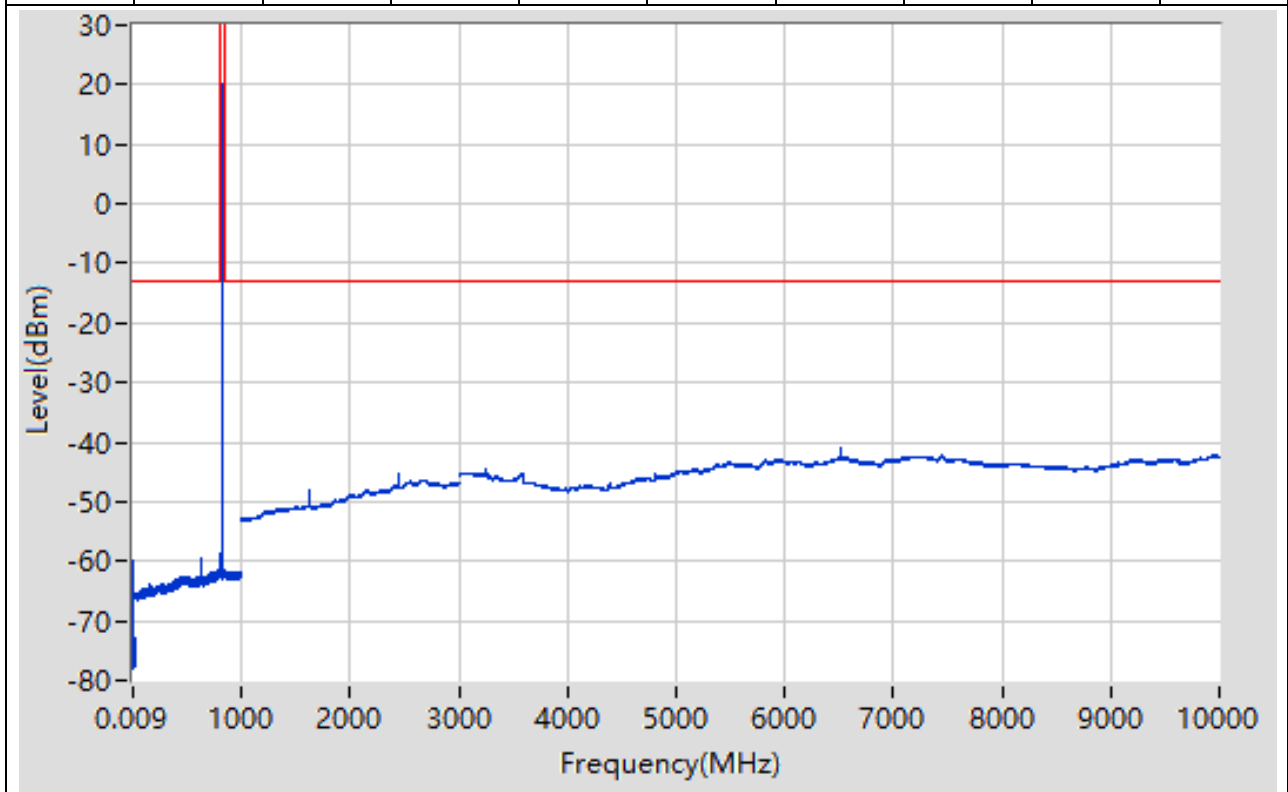
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.018           | -63.95      | -13         | 50.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -60.76      | -13         | 47.76       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -59.7       | -13         | 46.7        | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 20.25       | 60          | 39.75       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 975.7           | -61.66      | -13         | 48.66       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.27      | -13         | 32.27       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -41.02      | -13         | 28.02       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_Low

### 23.8. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

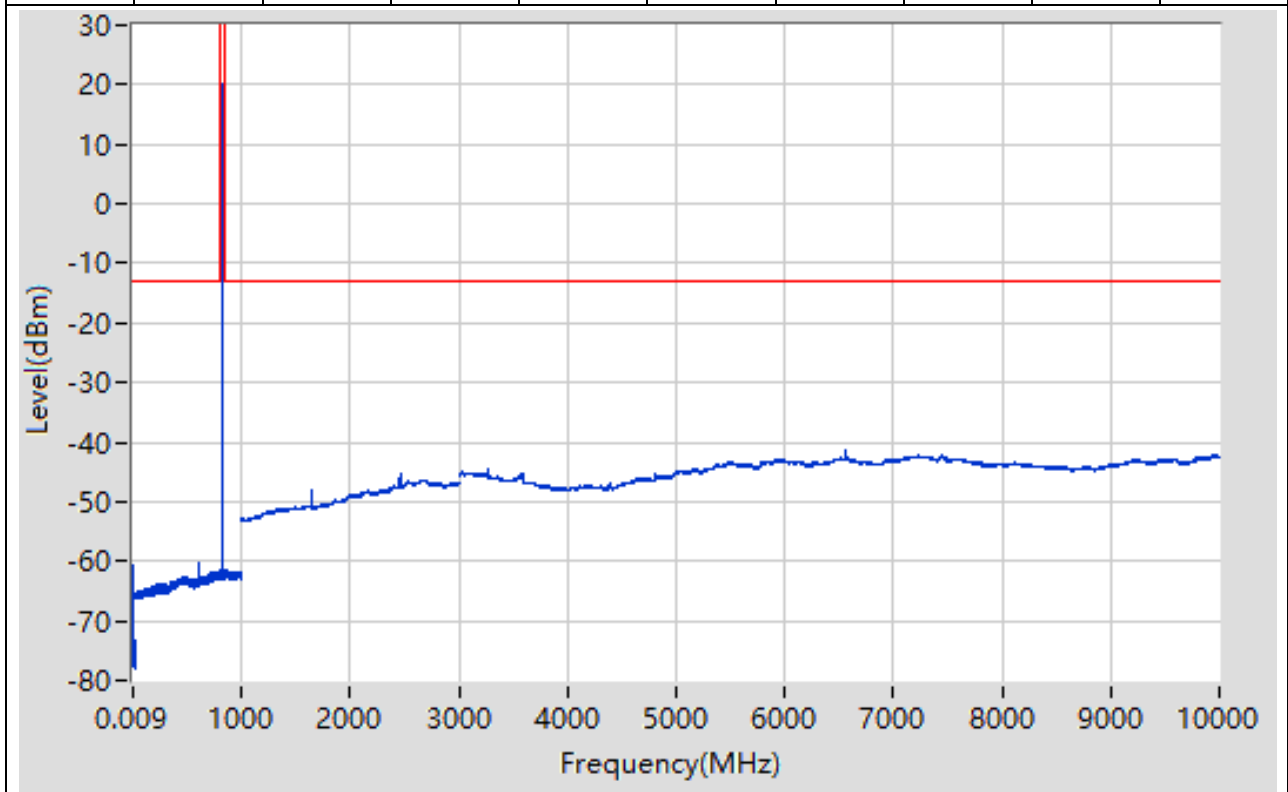
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.049           | -63.95      | -13         | 50.95       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.02      | -13         | 47.02       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 622             | -59.46      | -13         | 46.46       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 814.125         | 20.23       | 60          | 39.77       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 840.1           | -61.61      | -13         | 48.61       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2442            | -45.25      | -13         | 32.25       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6513            | -40.97      | -13         | 27.97       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_Mid

### 23.9. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.097           | -63.51      | -13         | 50.51       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -60.62      | -13         | 47.62       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.3       | -13         | 47.3        | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 20.16       | 60          | 39.84       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834.1           | -61.64      | -13         | 48.64       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.17      | -13         | 32.17       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.5       | -13         | 28.5        | Pass    | 7001        |

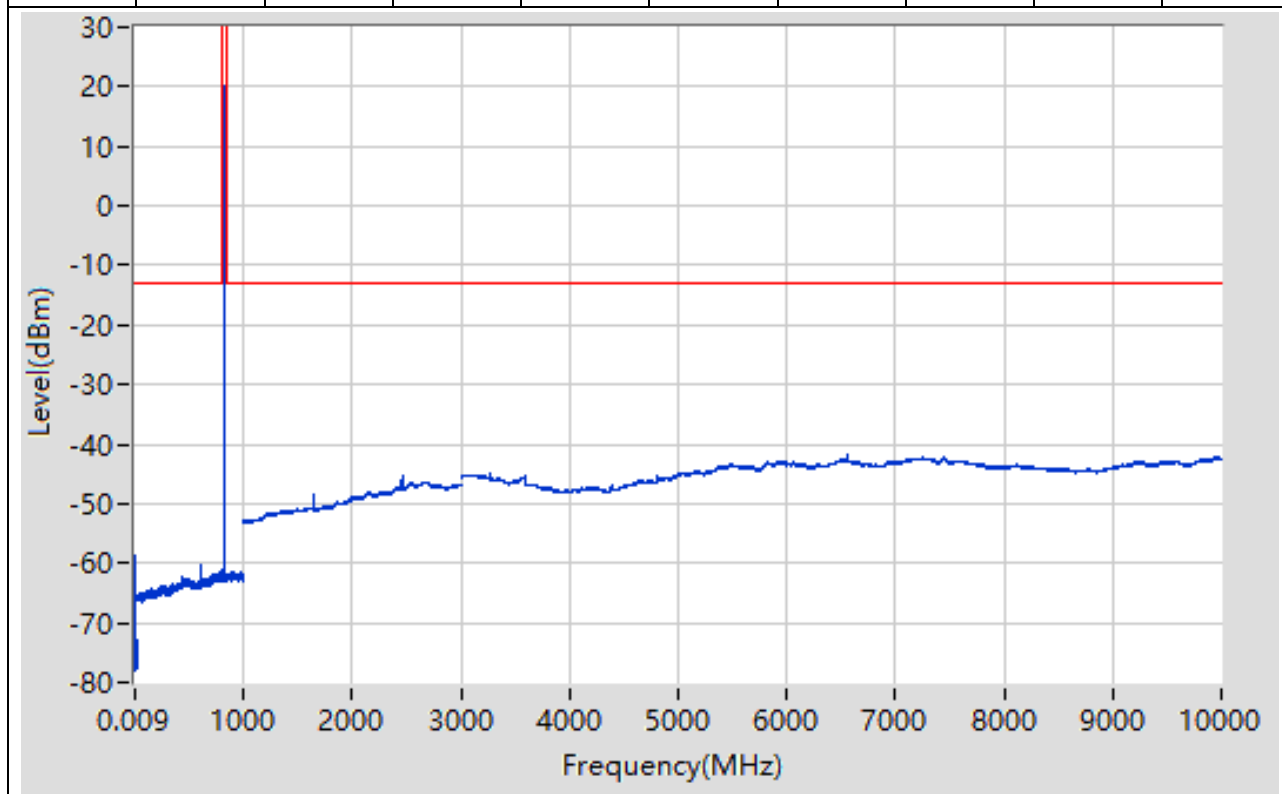




## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_Mid

### 23.10. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

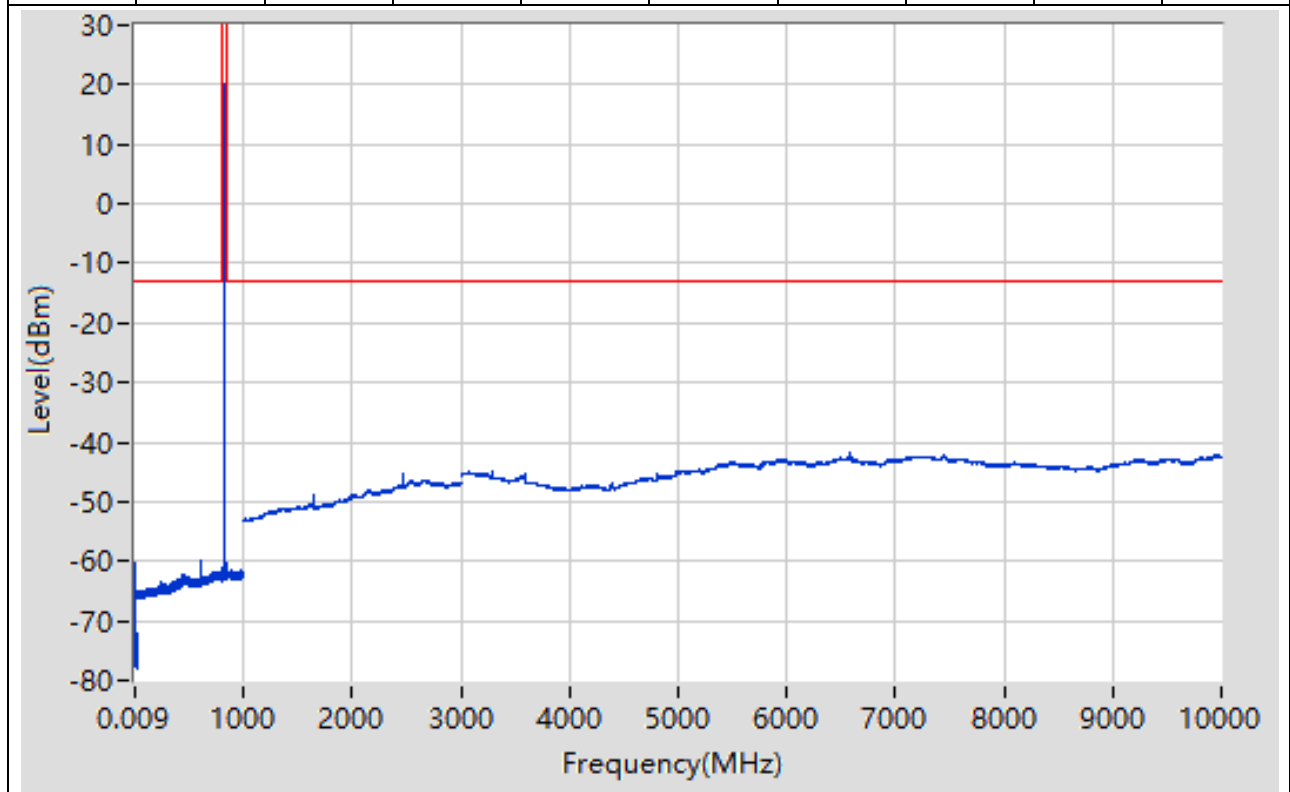
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.137           | -63.71      | -13         | 50.71       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -58.57      | -13         | 45.57       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 615.6           | -60.19      | -13         | 47.19       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 818.925         | 20.02       | 60          | 39.98       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 977.7           | -61.61      | -13         | 48.61       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2457            | -45.12      | -13         | 32.12       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6551            | -41.59      | -13         | 28.59       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_QPSK\_15kHz\_1@0\_High

### 23.11. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

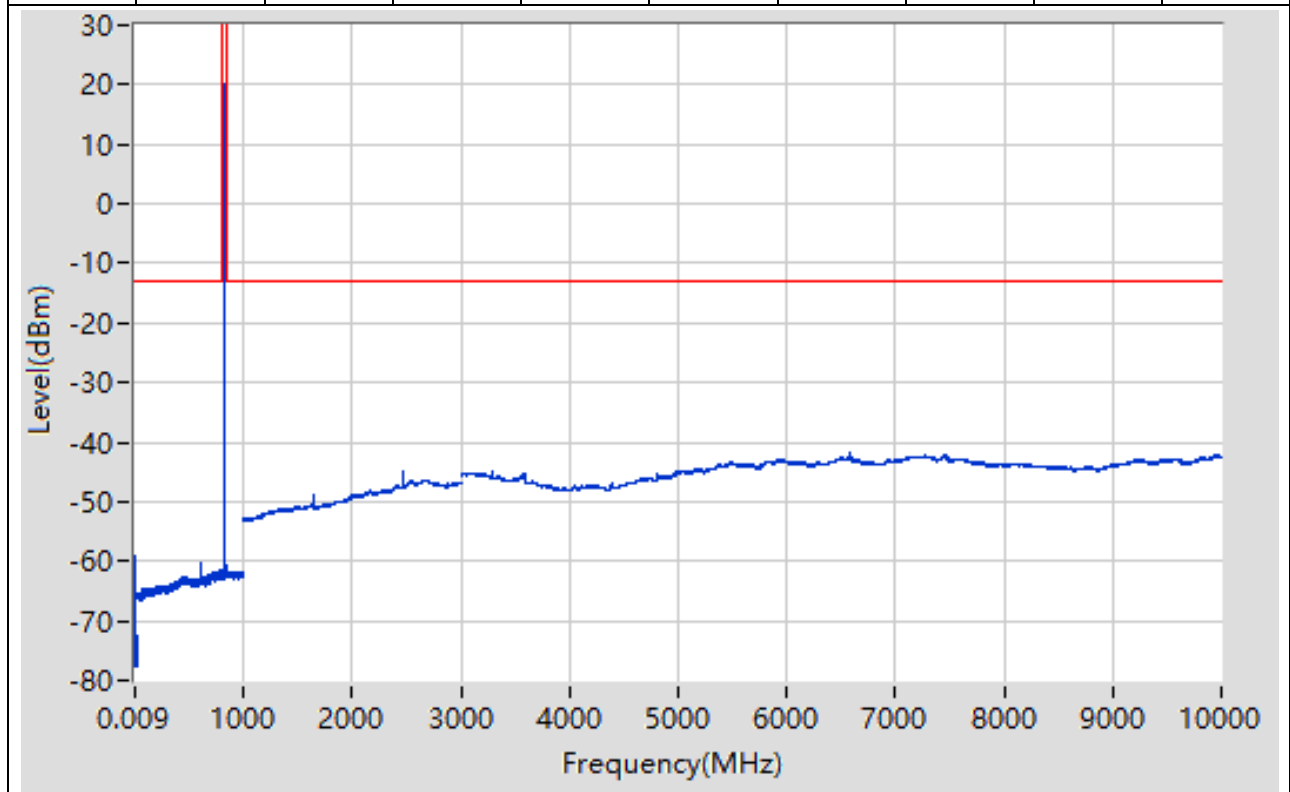
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.134           | -63.67      | -13         | 50.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -60.29      | -13         | 47.29       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -59.98      | -13         | 46.98       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 20.05       | 60          | 39.95       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.46      | -13         | 47.46       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.16      | -13         | 32.16       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6590            | -41.71      | -13         | 28.71       | Pass    | 7001        |



## 23. NB-IoT\_Band26(part90)\_BPSK\_15kHz\_1@0\_High

### 23.12. NB-IoT Spurious Emission at Antenna Terminals\_Part90(NTNV)

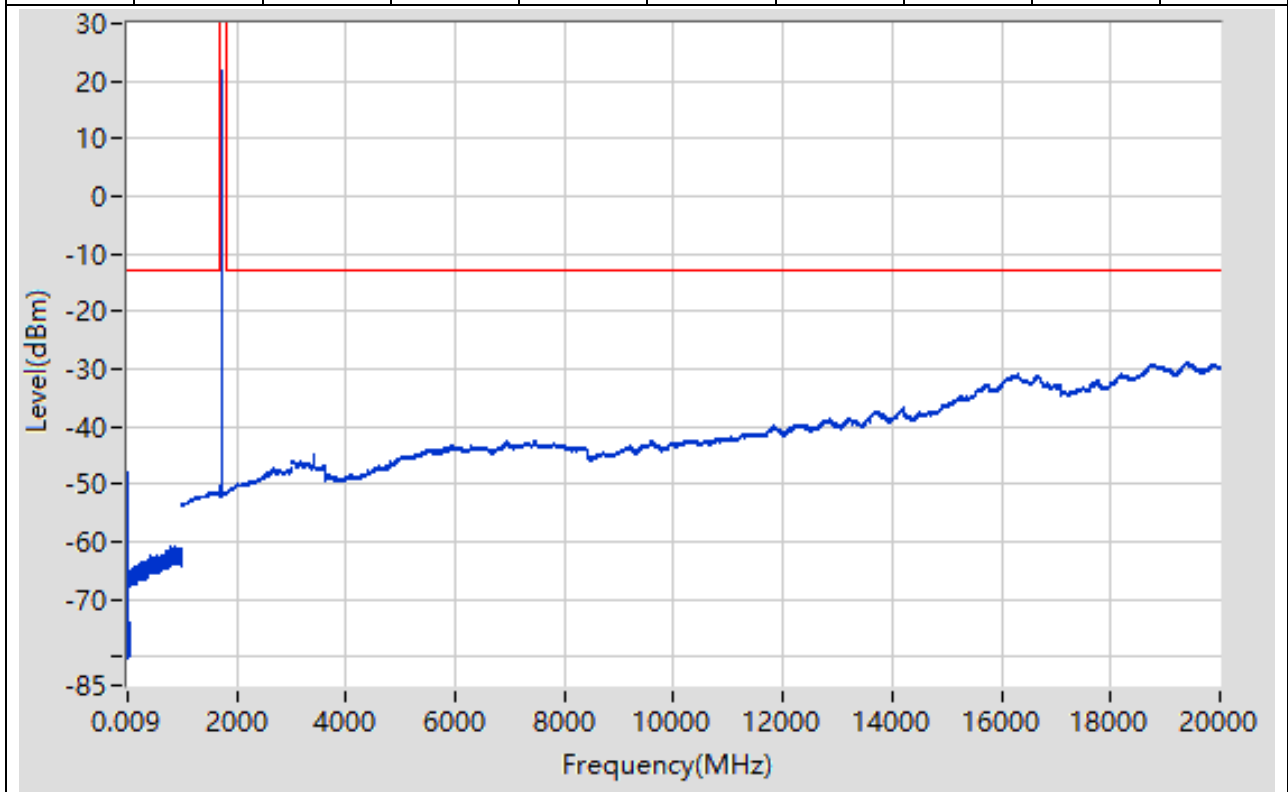
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.15            | -64.16      | -13         | 51.16       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -59.01      | -13         | 46.01       | Pass    | 2986        |
| 30                    | 804                  | 0.1       | RMS      | 609.2           | -60.31      | -13         | 47.31       | Pass    | 7741        |
| 804                   | 834                  | 0.1       | RMS      | 823.725         | 20.16       | 60          | 39.84       | Pass    | 401         |
| 834                   | 1000                 | 0.1       | RMS      | 834             | -60.81      | -13         | 47.81       | Pass    | 1661        |
| 1000                  | 3000                 | 1         | RMS      | 2471            | -45.09      | -13         | 32.09       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 6590            | -41.85      | -13         | 28.85       | Pass    | 7001        |



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_Low

### 24.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

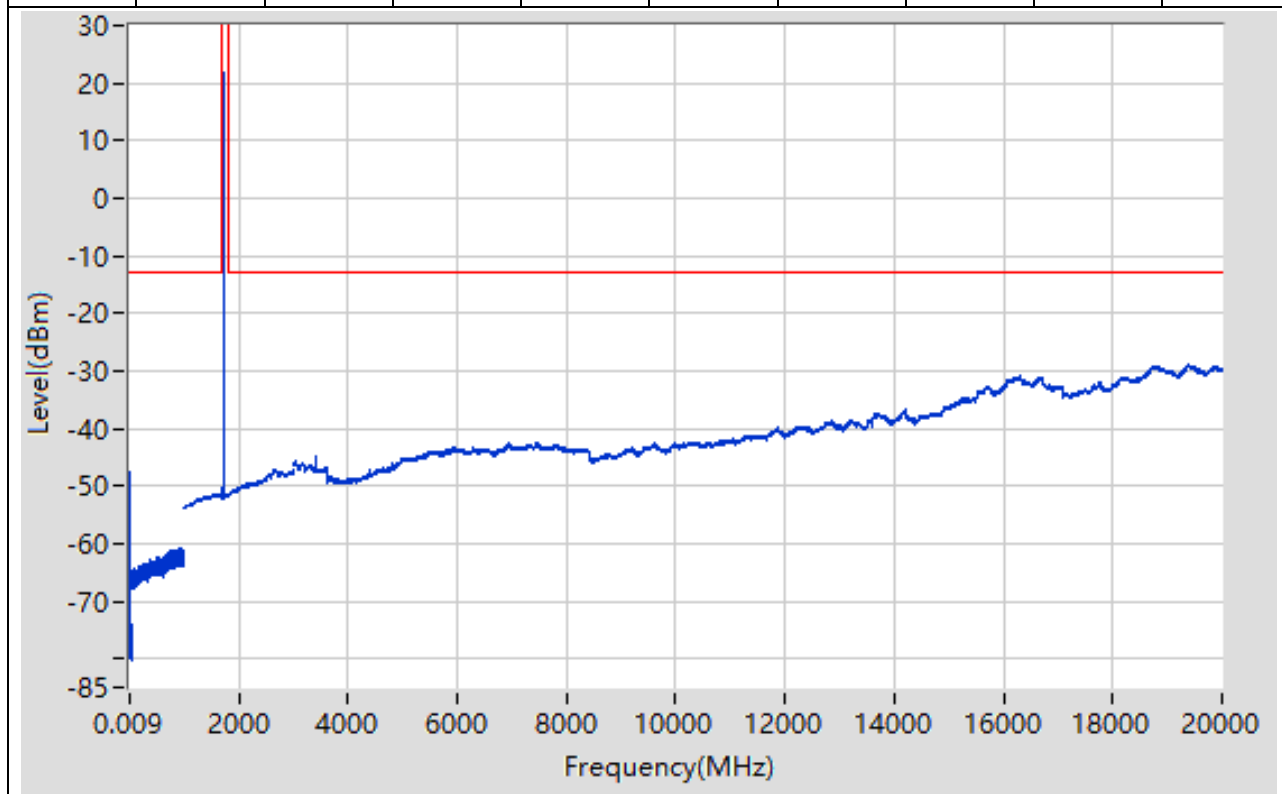
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.12      | -13         | 35.12       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.55      | -13         | 43.55       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 788.5           | -60.73      | -13         | 47.73       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -50.62      | -13         | 37.62       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 21.87       | 60          | 38.13       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2656            | -47.2       | -13         | 34.2        | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19380           | -28.93      | -13         | 15.93       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_Low

### 24.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

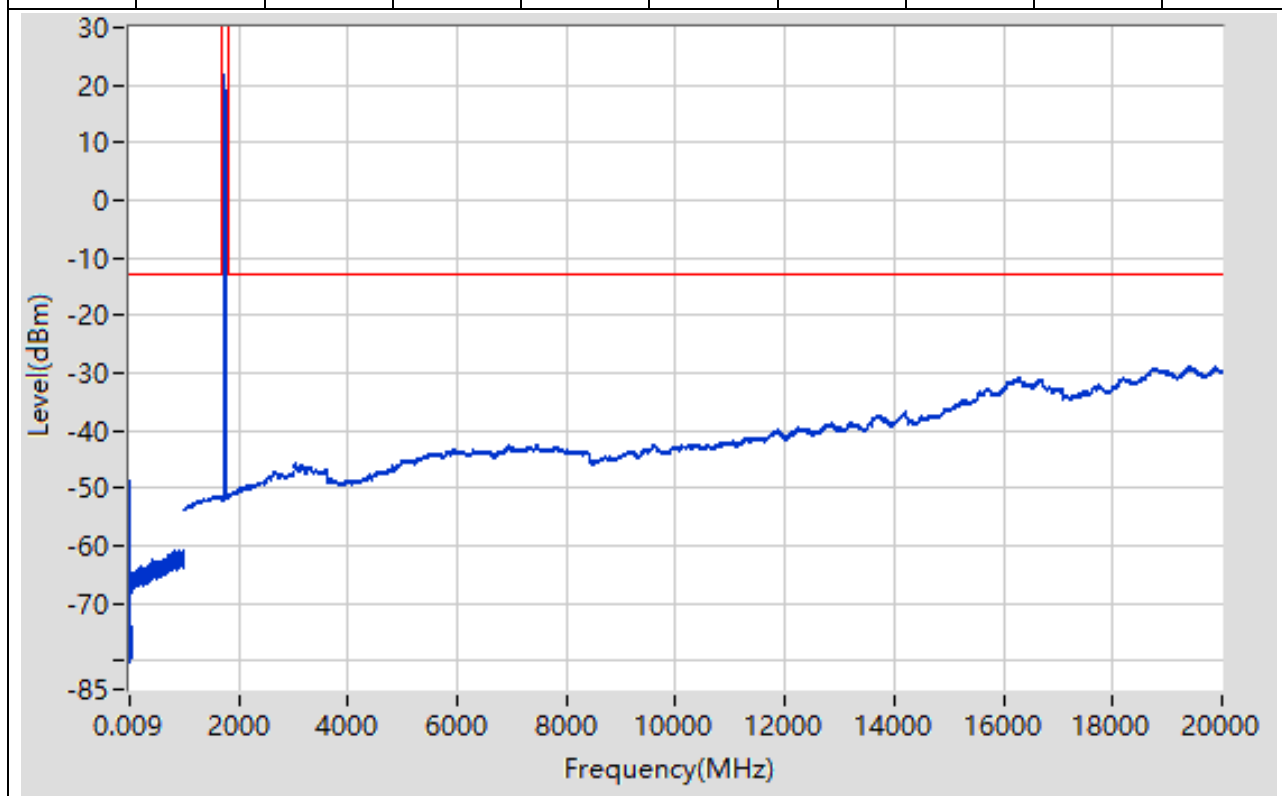
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -47.53      | -13         | 34.53       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.97      | -13         | 43.97       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 937.9           | -60.93      | -13         | 47.93       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1696            | -51.06      | -13         | 38.06       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 21.84       | 60          | 38.16       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2999            | -47.18      | -13         | 34.18       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19385           | -28.89      | -13         | 15.89       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_Mid

### 24.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

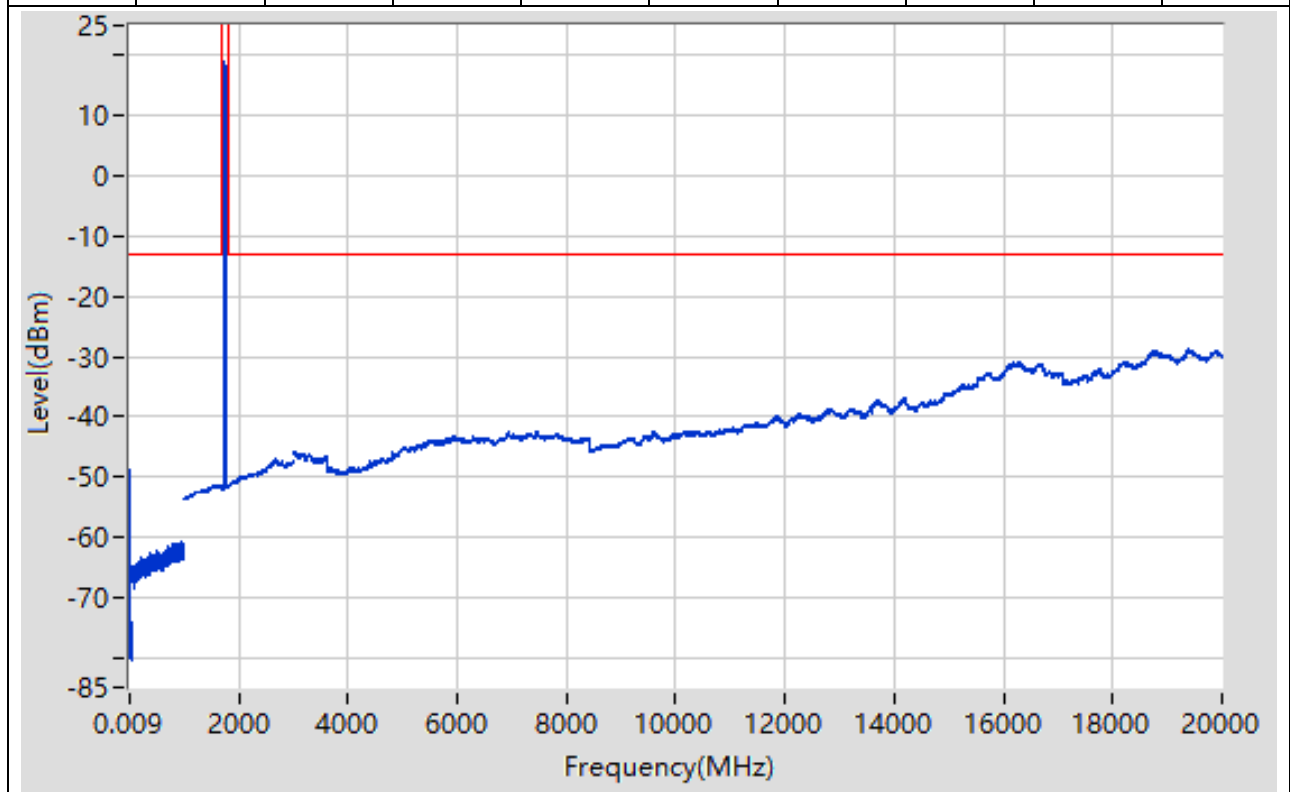
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.62      | -13         | 35.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.65      | -13         | 44.65       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 827.5           | -60.89      | -13         | 47.89       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1593            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745            | 21.82       | 60          | 38.18       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2666            | -47.26      | -13         | 34.26       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19417           | -28.96      | -13         | 15.96       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_Mid

### 24.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

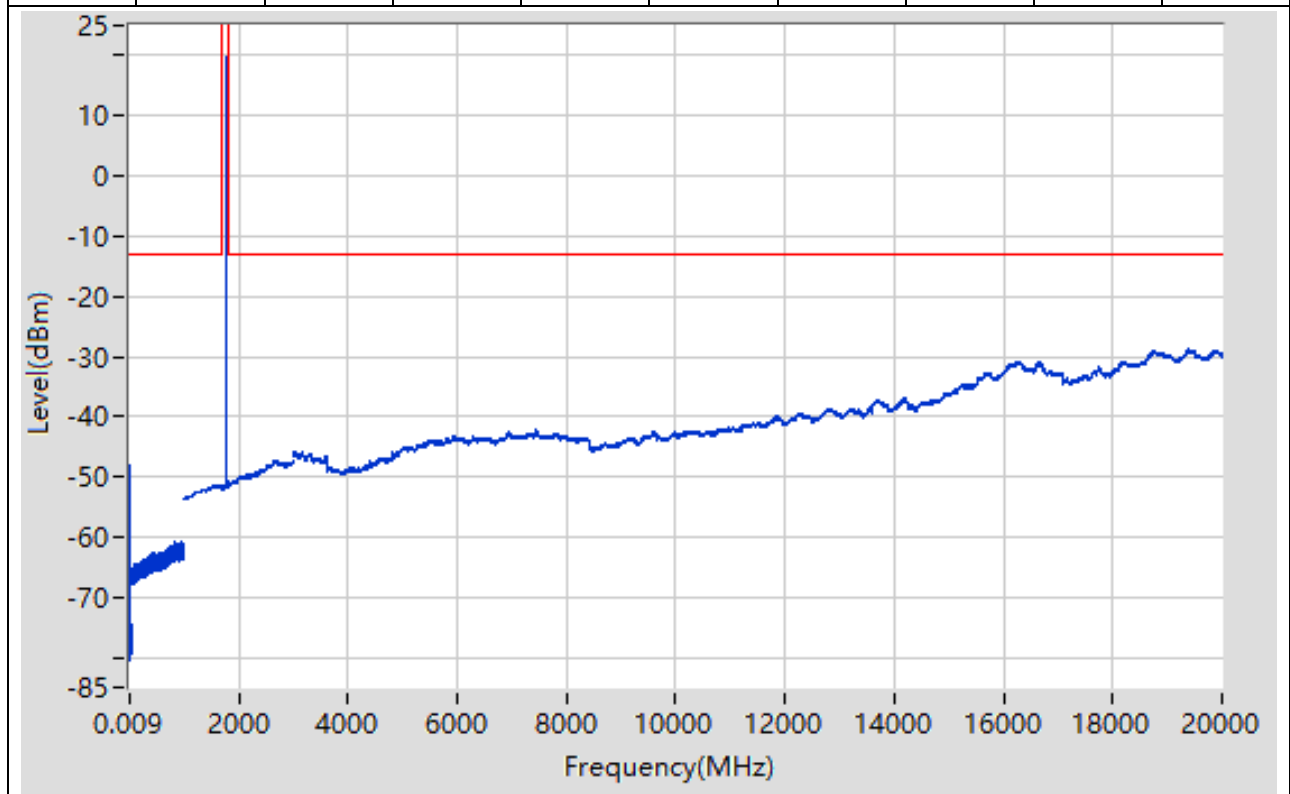
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.66      | -13         | 35.66       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -57         | -13         | 44          | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 948             | -60.89      | -13         | 47.89       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1681            | -51.36      | -13         | 38.36       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745.225        | 19.16       | 60          | 40.84       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2661            | -47.13      | -13         | 34.13       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19367           | -28.83      | -13         | 15.83       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_3.75kHz\_1@0\_High

### 24.5. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.25      | -13         | 35.25       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -57.06      | -13         | 44.06       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 925.3           | -60.86      | -13         | 47.86       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1686            | -51.39      | -13         | 38.39       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.425        | 19.81       | 60          | 40.19       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 3000            | -47.3       | -13         | 34.3        | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19391           | -28.84      | -13         | 15.84       | Pass    | 17001       |

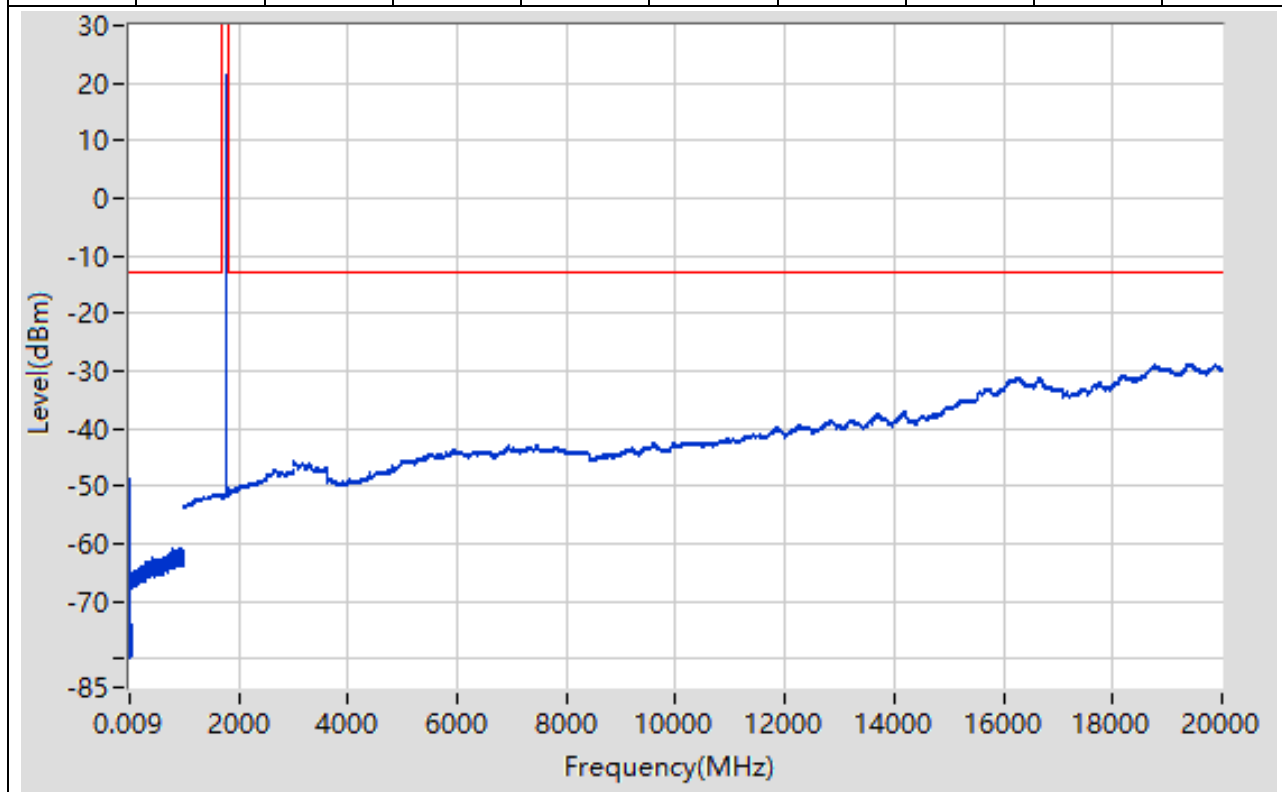




## 24. NB-IoT\_Band66\_BPSK\_3.75kHz\_1@0\_High

### 24.6. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

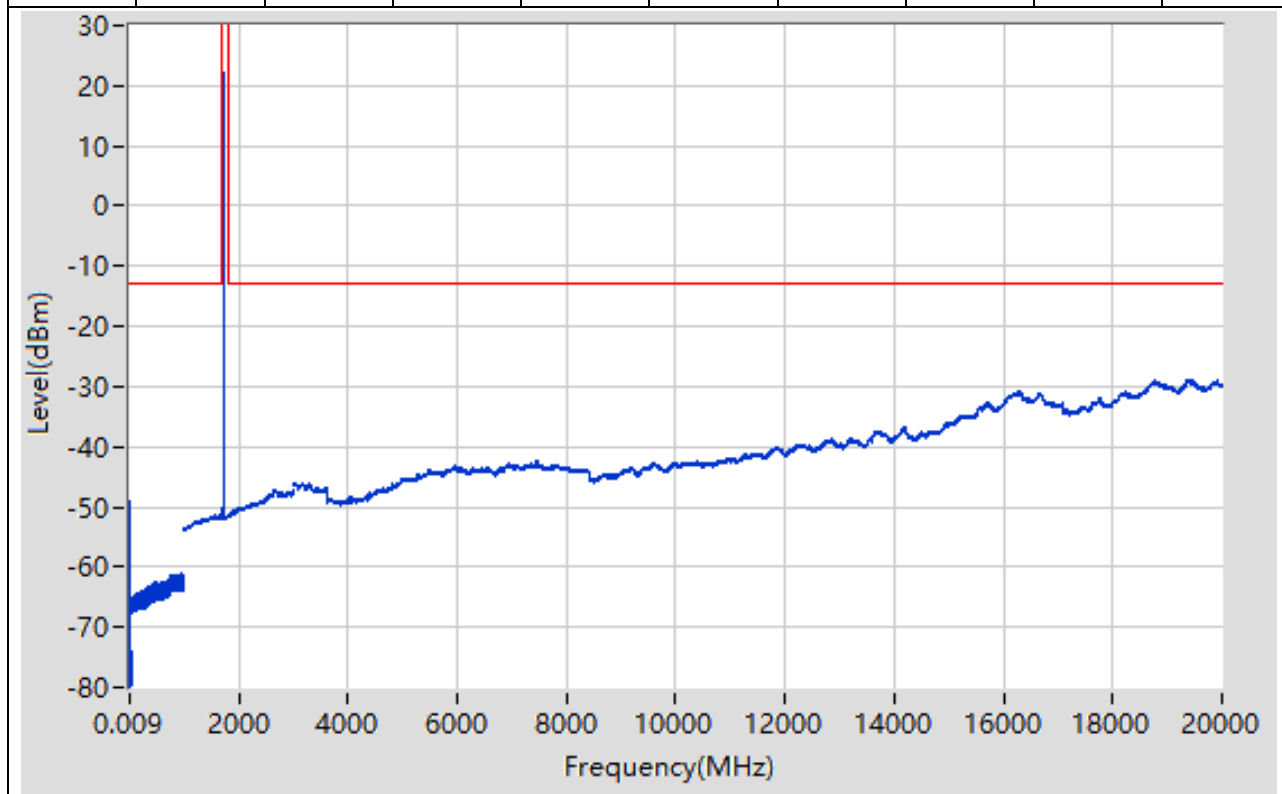
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.62      | -13         | 35.62       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.59      | -13         | 43.59       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 919.4           | -60.75      | -13         | 47.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1698            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.875        | 21.47       | 60          | 38.53       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 3000            | -47.11      | -13         | 34.11       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19369           | -28.82      | -13         | 15.82       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_Low

### 24.7. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

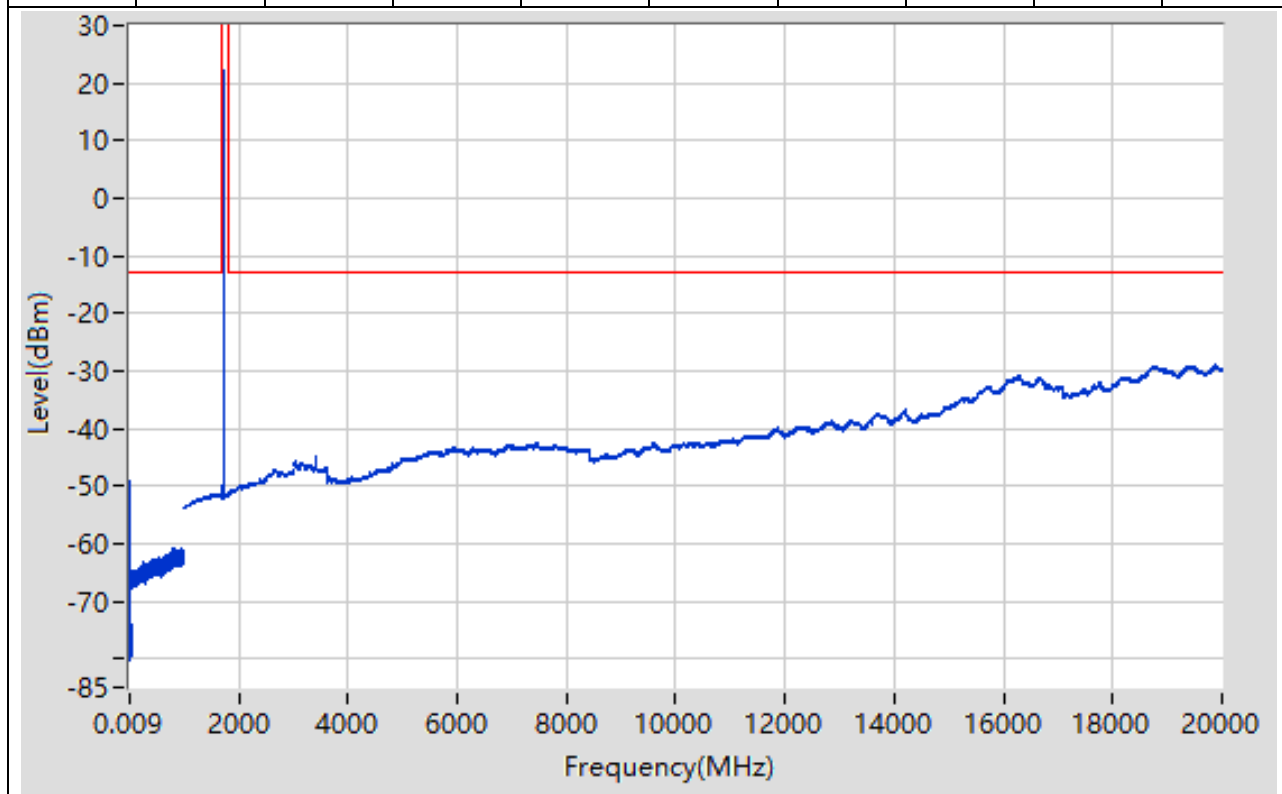
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.92      | -13         | 35.92       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.89      | -13         | 43.89       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 939.8           | -60.9       | -13         | 47.9        | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1700            | -50.4       | -13         | 37.4        | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 22.25       | 60          | 37.75       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2663            | -47.23      | -13         | 34.23       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19350           | -28.96      | -13         | 15.96       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_Low

### 24.8. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

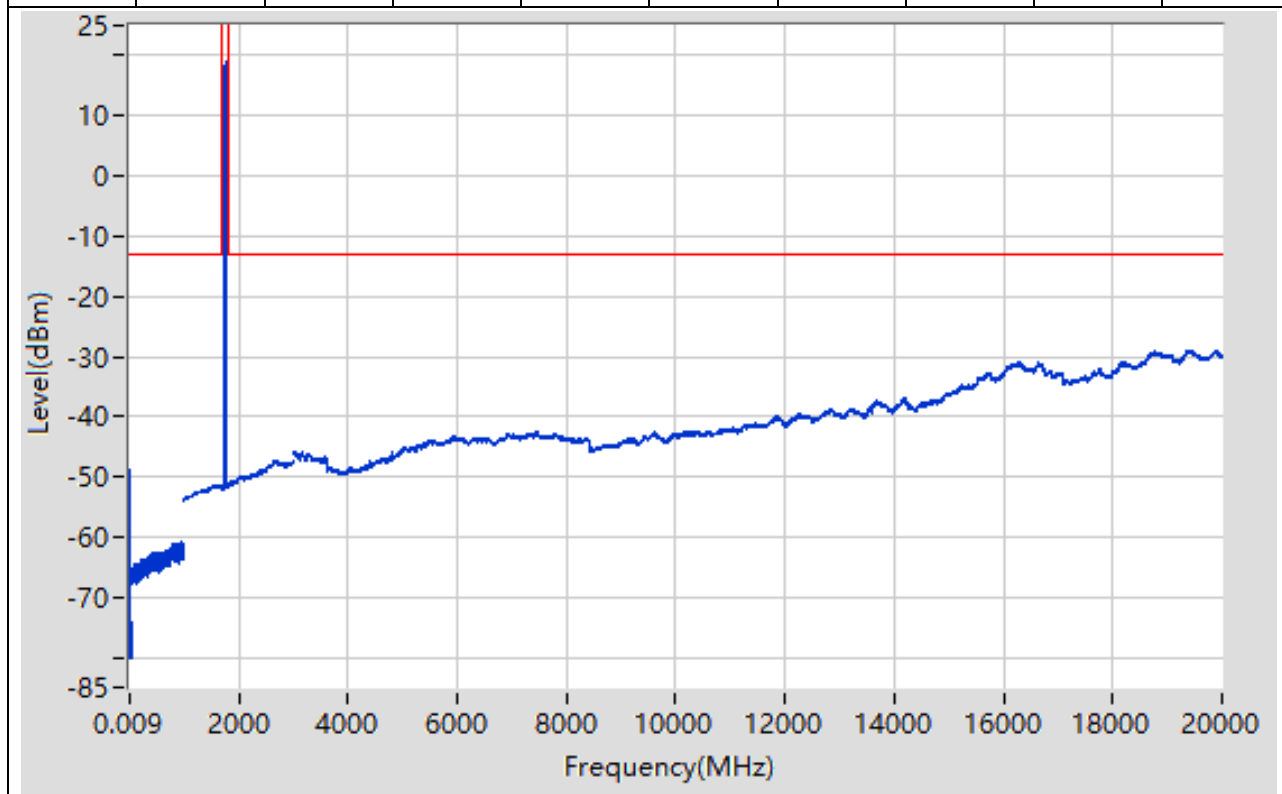
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.013           | -49.13      | -13         | 36.13       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -56.52      | -13         | 43.52       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 785.7           | -60.75      | -13         | 47.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1699            | -50.8       | -13         | 37.8        | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1709.9          | 22.14       | 60          | 37.86       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2651            | -47.15      | -13         | 34.15       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19884           | -29.04      | -13         | 16.04       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_Mid

### 24.9. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

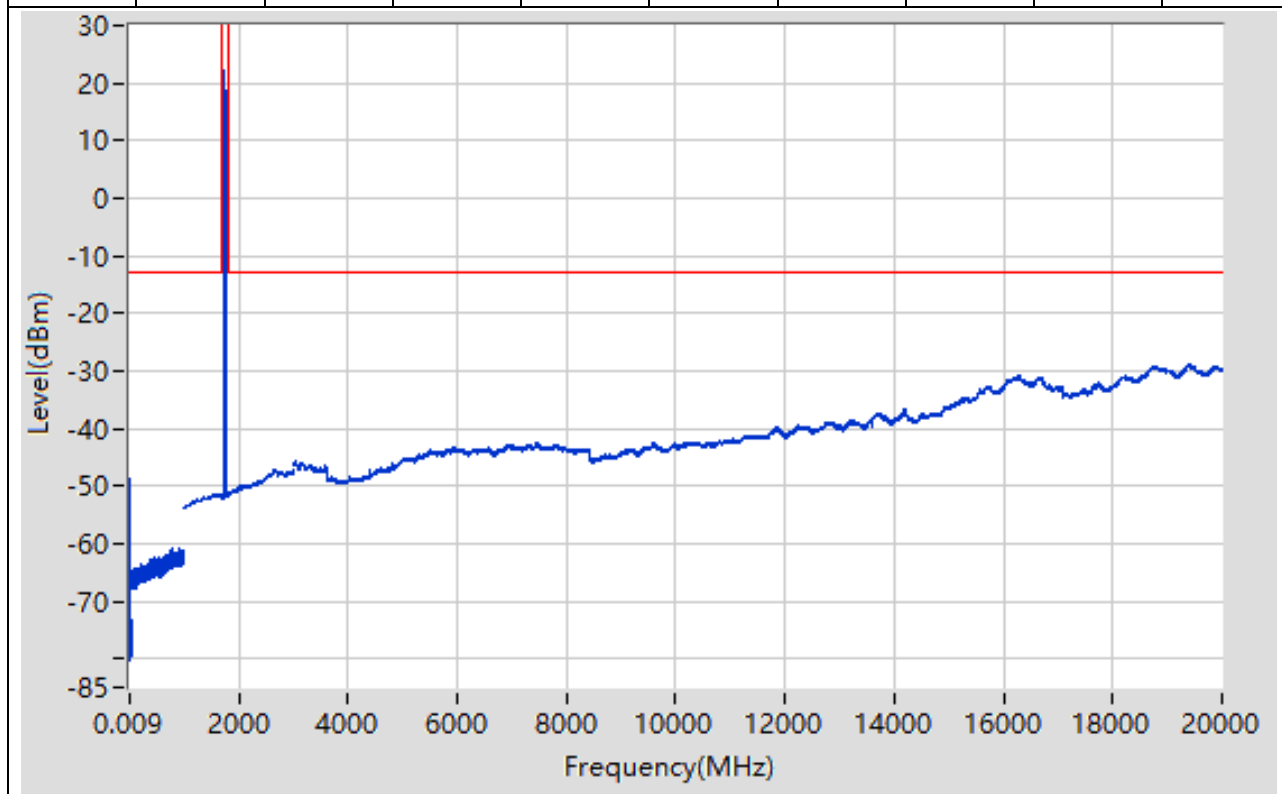
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.67      | -13         | 35.67       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -56.4       | -13         | 43.4        | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 926.4           | -60.84      | -13         | 47.84       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1677            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745.45         | 18.94       | 60          | 41.06       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2658            | -47.26      | -13         | 34.26       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19399           | -29.05      | -13         | 16.05       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_Mid

### 24.10. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

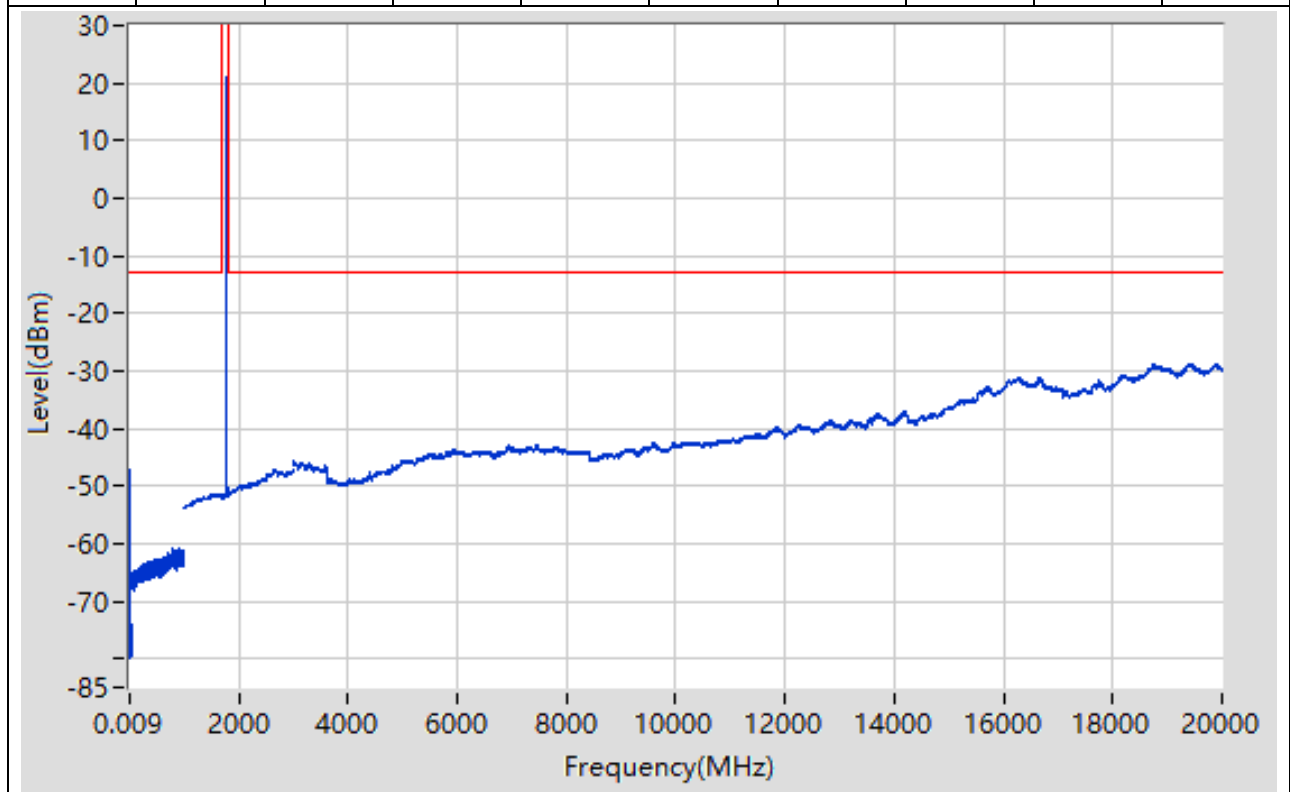
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.79      | -13         | 35.79       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.09      | -13         | 42.09       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 901.1           | -60.89      | -13         | 47.89       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1676            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1745            | 22.11       | 60          | 37.89       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2659            | -47.21      | -13         | 34.21       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19426           | -29.01      | -13         | 16.01       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_QPSK\_15kHz\_1@0\_High

### 24.11. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

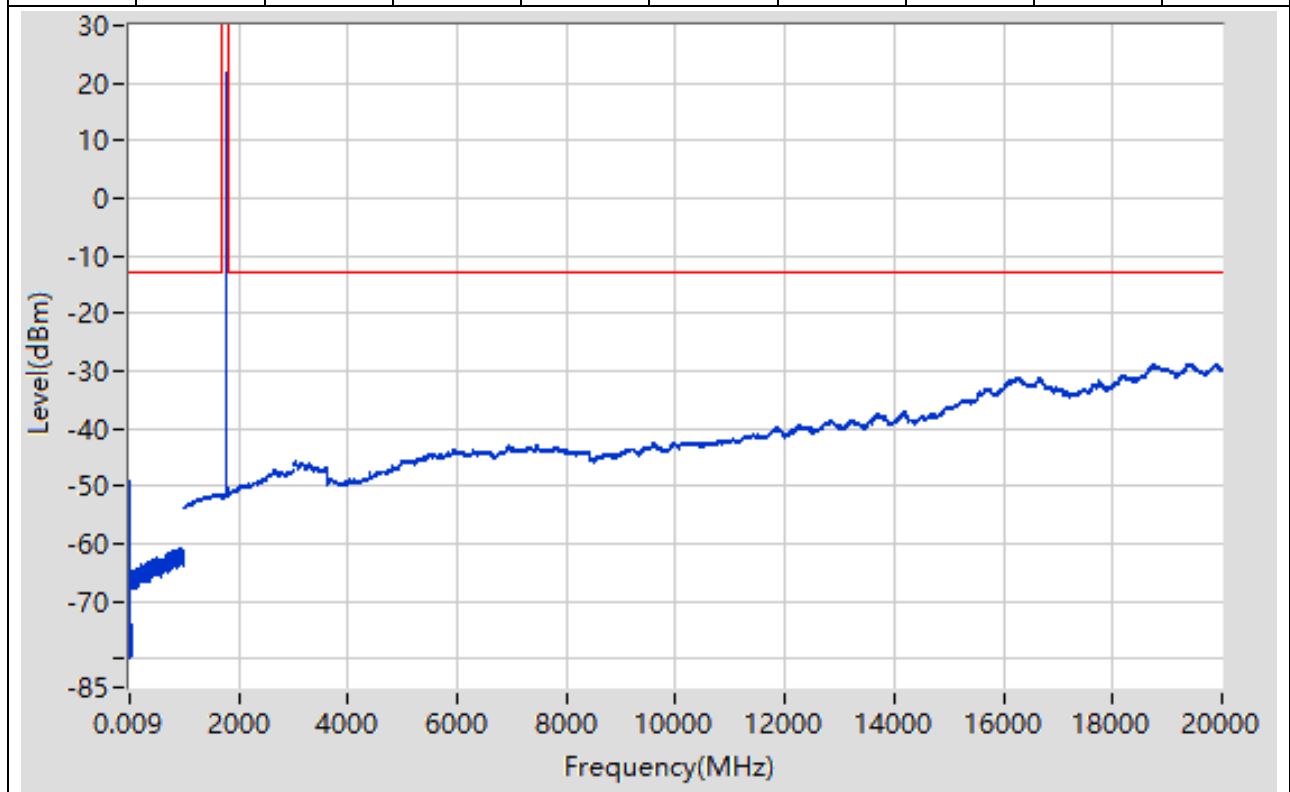
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -47.15      | -13         | 34.15       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -55.88      | -13         | 42.88       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 907.2           | -60.75      | -13         | 47.75       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1677            | -51.42      | -13         | 38.42       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.875        | 21.06       | 60          | 38.94       | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 3000            | -47.19      | -13         | 34.19       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19375           | -28.87      | -13         | 15.87       | Pass    | 17001       |



## 24. NB-IoT\_Band66\_BPSK\_15kHz\_1@0\_High

### 24.12. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

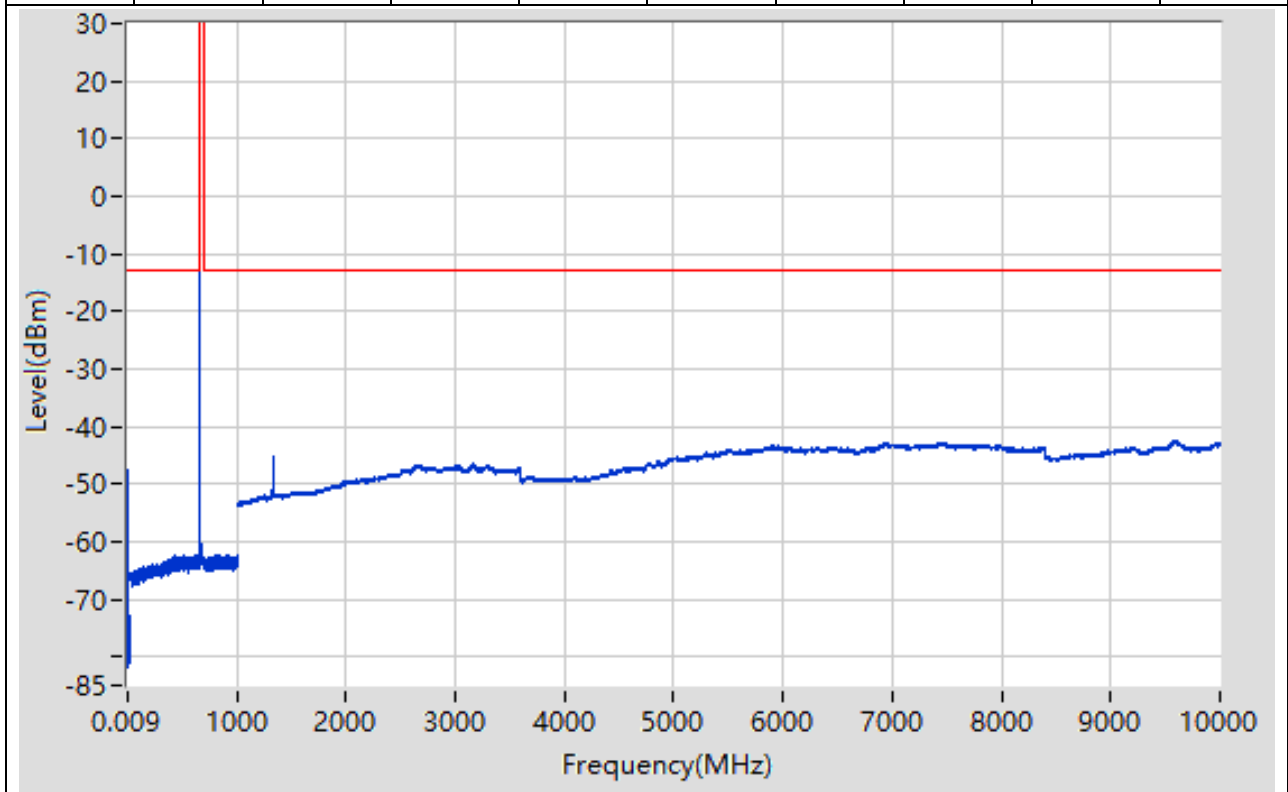
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.011           | -49.29      | -13         | 36.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -58.19      | -13         | 45.19       | Pass    | 2986        |
| 30                    | 1000                 | 0.1       | RMS      | 916.2           | -60.67      | -13         | 47.67       | Pass    | 9701        |
| 1000                  | 1700                 | 1         | RMS      | 1693            | -51.44      | -13         | 38.44       | Pass    | 701         |
| 1700                  | 1790                 | 1         | RMS      | 1779.875        | 21.9        | 60          | 38.1        | Pass    | 401         |
| 1790                  | 3000                 | 1         | RMS      | 2991            | -47.23      | -13         | 34.23       | Pass    | 1211        |
| 3000                  | 20000                | 1         | RMS      | 19361           | -28.87      | -13         | 15.87       | Pass    | 17001       |



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_Low

### 25.1. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -47.44      | -13         | 34.44       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.16            | -54.6       | -13         | 41.6        | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 651.2           | -62.1       | -13         | 49.1        | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 663             | 21.83       | 60          | 38.17       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 929.5           | -62.27      | -13         | 49.27       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 1326            | -45.12      | -13         | 32.12       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9601            | -42.5       | -13         | 29.5        | Pass    | 7001        |

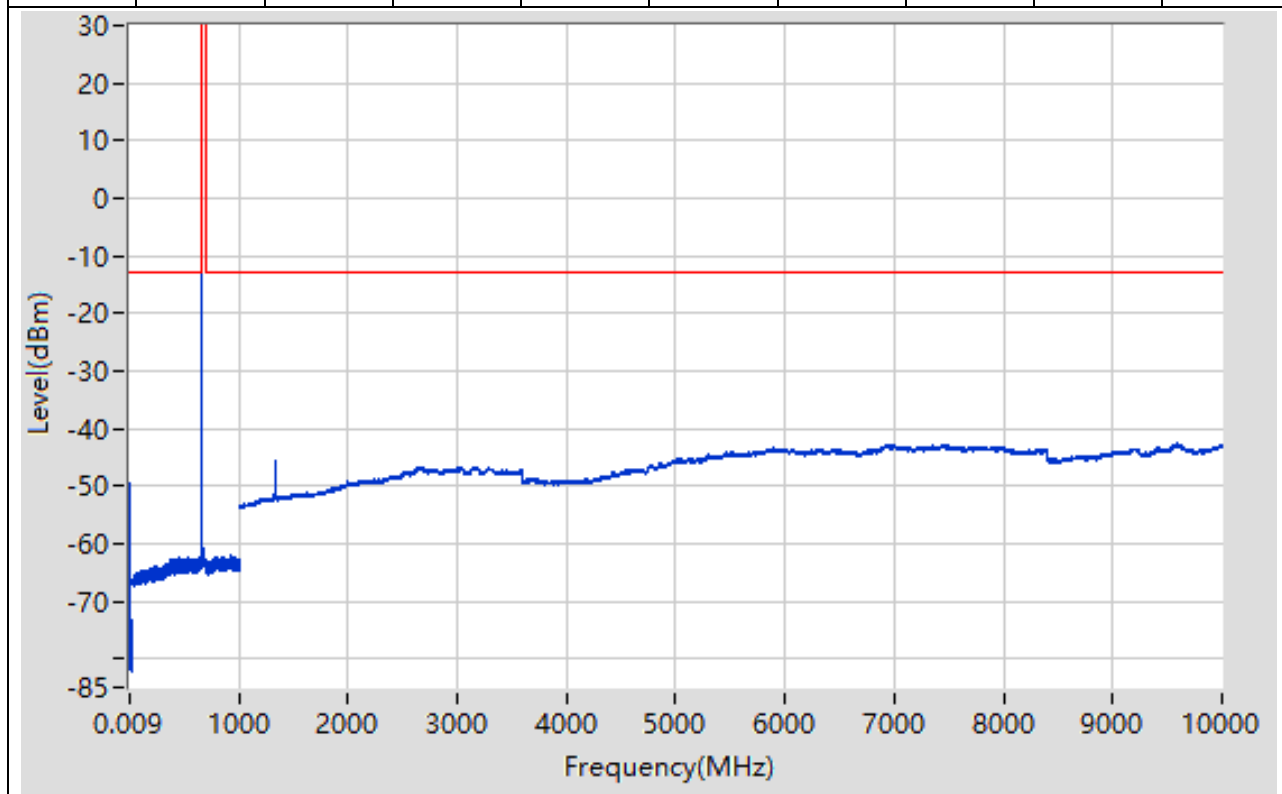




## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_Low

### 25.2. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

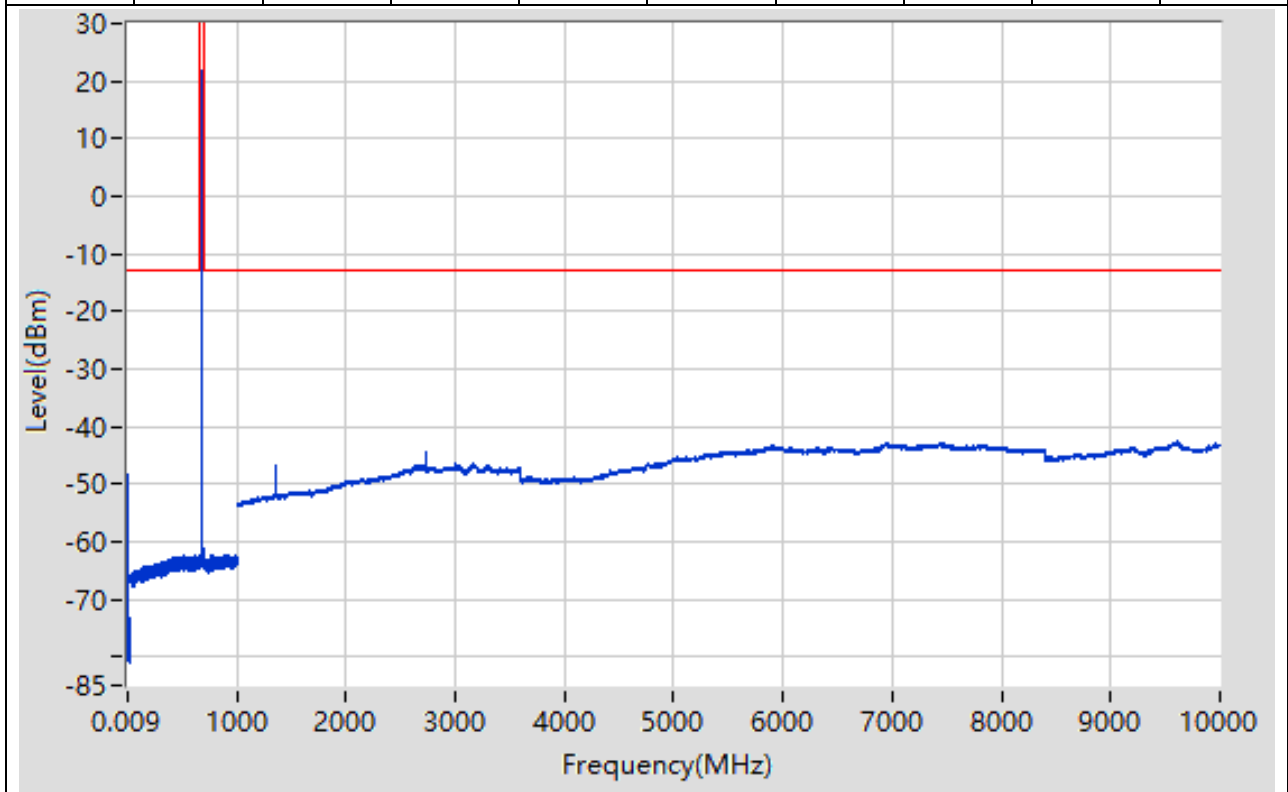
| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -49.47      | -13         | 36.47       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.17            | -56.53      | -13         | 43.53       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 652.9           | -62.09      | -13         | 49.09       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 663             | 21.72       | 60          | 38.28       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 929.6           | -62.15      | -13         | 49.15       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 1326            | -45.45      | -13         | 32.45       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9599            | -42.56      | -13         | 29.56       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_QPSK\_3.75kHz\_1@0\_Mid

### 25.3. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.009           | -48.29      | -13         | 35.29       | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.79      | -13         | 41.79       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 610.3           | -62.22      | -13         | 49.22       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 680.4           | 21.8        | 60          | 38.2        | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 878.3           | -62.22      | -13         | 49.22       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2722            | -44.28      | -13         | 31.28       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9603            | -42.62      | -13         | 29.62       | Pass    | 7001        |



## 25. NB-IoT\_Band71\_BPSK\_3.75kHz\_1@0\_Mid

### 25.4. NB-IoT Spurious Emission at Antenna Terminals\_Part22-24-27(NTNV)

| Start Frequency (MHz) | Stop Frequency (MHz) | RBW (MHz) | Detector | Frequency (MHz) | Power (dBm) | Limit (dBm) | Margin (dB) | Verdict | Sweep Point |
|-----------------------|----------------------|-----------|----------|-----------------|-------------|-------------|-------------|---------|-------------|
| 0.009                 | 0.15                 | 0.001     | RMS      | 0.01            | -48.3       | -13         | 35.3        | Pass    | 401         |
| 0.15                  | 30                   | 0.01      | RMS      | 0.15            | -54.98      | -13         | 41.98       | Pass    | 2986        |
| 30                    | 653                  | 0.1       | RMS      | 516.3           | -62.32      | -13         | 49.32       | Pass    | 6231        |
| 653                   | 708                  | 0.1       | RMS      | 680.4           | 21.72       | 60          | 38.28       | Pass    | 551         |
| 708                   | 1000                 | 0.1       | RMS      | 878.3           | -62.31      | -13         | 49.31       | Pass    | 2921        |
| 1000                  | 3000                 | 1         | RMS      | 2722            | -44.52      | -13         | 31.52       | Pass    | 2001        |
| 3000                  | 10000                | 1         | RMS      | 9595            | -42.53      | -13         | 29.53       | Pass    | 7001        |

